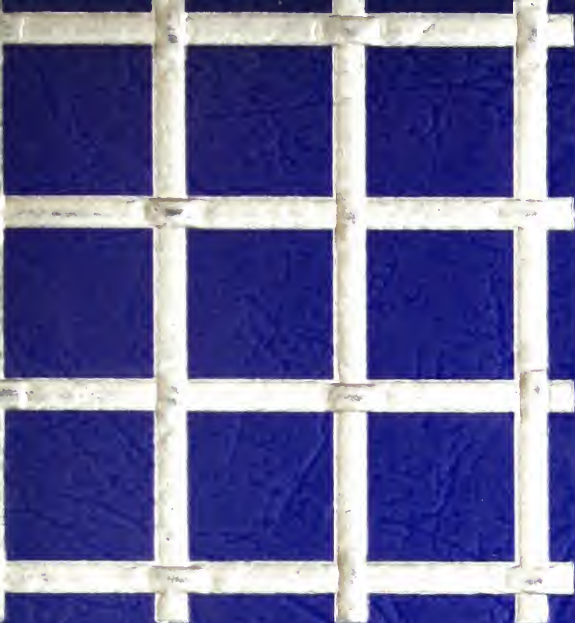
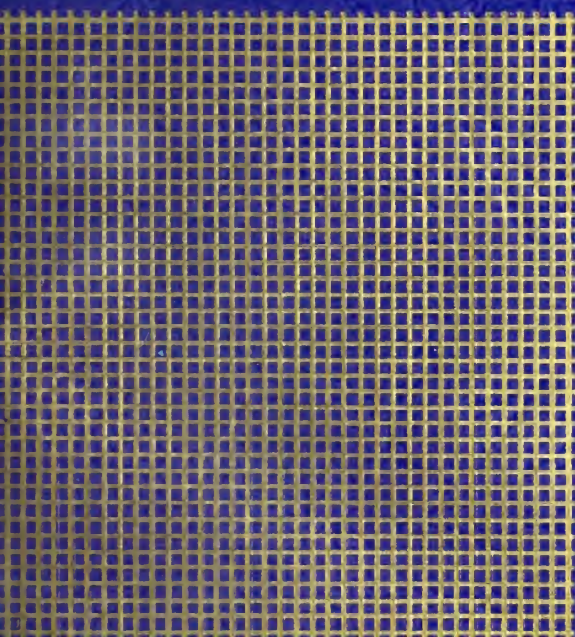


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SPACE WIRE CLOTH



MESH WIRE CLOTH



LEXIBLE WIRE CLOTH

Audubon

WIRE
CLOTH



Handbook

CLOTH
WIRE

5/Av

FRANKLIN INSTITUTE
PHILADELPHIA

GRAND LUMBER
MILL

AUDUBON WIRE CLOTH CORPORATION - PHILADELPHIA

Audubon

WIRE CLOTH

Catalog
No. 40

Mesh
Wire Cloth

Space
Wire Cloth

Flexible
Wire Cloth

Established
1890



as Strawbridge
and Chase

AUDUBON WIRE CLOTH CORPORATION

A Subsidiary of the Manganese Steel Forge Co.

Castor Ave. & Richmond St., Philadelphia, Pa., U. S. A.

MESH, SPACE & FLEXIBLE WIRE CLOTH

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MESH WIRE CLOTH
SPACE WIRE CLOTH
FLEXIBLE WIRE CLOTH



Table of Contents

To simplify the selection of the particular type of Audubon Woven Wire Cloth to meet your every requirement, this catalog is divided into three sections, as follows:

SECTION 1

Mesh Wire Cloth Page 12

The various grades of Double Crimped Wire Cloth specified by mesh from 1 to 120, in Steel, Brass, Bronze, Copper, Monel, Nickel and Stainless Steel; also including a list of Standard or Market Grades. Extra Fine Mesh plain and twilled weaves, 100 to 325 mesh. Tinned Mill Screen. Brass Milk Strainer Cloth. Filter Cloth in all metals, meshes and weaves.

SECTION 2

Space Wire Cloth Page 34

The coarser and heavier grades of Vibraloy abrasive resisting screens and plain steel woven wire cloth specified by the size of the space or clear opening between the wires.

SECTION 3

Flexible Wire Cloth Page 42

The various combinations of spiral weaves which permit woven wire cloth to be used as conveyor and processing belts; also for washing, sorting, drying, etc.

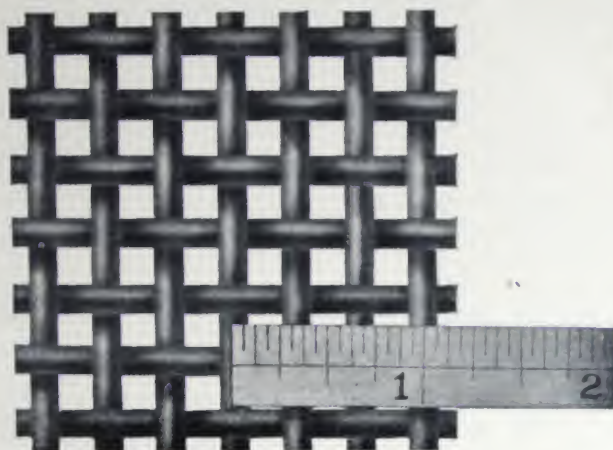
Scope

Audubon Wire Cloth is available in any mesh or any space opening of any gauge of any ductile metal. Standard commercial specifications from 325 mesh to 6 inch space openings in various standard, special and patented weaves to meet the general requirements of every industry, are listed herein. The myriad individual specifications would be impractical to list; therefore, if your specific requirements are not included in this catalog please send us your exact specifications. If it can be woven, Audubon can, and probably has already met similar specifications, no matter how exacting or unusual your requirements may be.

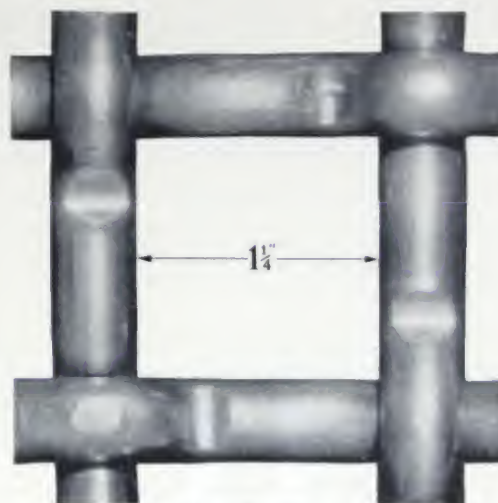
Engineering Service

Audubon Wire Cloth is scientifically made to withstand water, acid or atmospheric corrosion; high temperature and temperature changes; abrasion; shock; pressure and the numerous other stresses encountered in general industrial usage. Correct selection of woven wire cloth demands a full consideration of many factors, therefore if you have the slightest doubt as to the correct specification, we urge you to write us explaining your problem and conditions in detail. The knowledge gained in over forty years' experience in the manufacture and application of every conceivable kind of wire cloth is available to you as a regular part of our service.

Wire Cloth Definitions



3 Mesh, No. 10 .135 Wire



1 1/4 Inch Opening, 1/8" Rod

MESH (Square).—*The number of openings per lineal inch measured from center to center of parallel wires, thus 3 mesh, as illustrated, includes three openings, measured from the center of one wire to a point one inch distant.*

MESH (Oblong, Rectangular, Filter).—*If the mesh is not the same in both directions, the mesh of both the warp (wires running lengthwise of the roll) and fill or shoot (wires running across the roll) are measured as above described; the first number listed denoting the warp.*

SPACE.—*The actual dimension of the clear opening between the wires, thus 1 1/4 inch space, as illustrated, does not include any part of the rods which form the opening.*

WIRE SIZE.—*Thickness or diameter of the wire measured in decimals of an inch, as indicated by the micrometer, for this insures absolute accuracy to the ten-thousandth part of an inch. For convenience, gauge numbers are used, along with their decimal equivalents, in some parts of this catalog and in every case numbers are in Washburn and Moen Gauge—(W & M)—“the standard of the industry.”*

Instructions for Ordering Mesh and Space Wire Cloth

DIMENSIONS—State exact width and length of each piece and the quantity required of each size; furnish sketch or template for odd shapes. A standard roll contains approximately 100 lineal feet; state number of rolls required and width of each.

MESH OR SPACE—Clearly specify the mesh (measured from center to center of wires) or space (dimension of the clear opening between wires) required. Do not specify both. Illustrated on page 5.

SIZE OF WIRE—Specify in fractions or decimals of an inch. Where gauge number is used, it will be understood that W & M (Washburn & Moen) Gauge is indicated, unless otherwise specified. Useful comparative tables for reducing various wire gauge systems to decimal and millimeter equivalents, also wire weights will be found on pages 8 to 11.

WEAVES—If other than standard double crimp weave is wanted in mesh or space cloth, such as Arc-Loc, twill or special filter weaves, specify type desired.

KIND OF METAL—Any ductile metal; specify by name or chemical analysis.

Steel	Brass, Red or Low
Steel, Galvanized before Weaving	Brass, Yellow or High
Steel, Galvanized after Weaving	Phosphor Bronze
Steel, Tinned before Weaving	Commercial Bronze
Steel, High Carbon Spring	Copper
Steel, True Manganese	Tinned Copper or Brass
Vibraloy Abrasion Resisting Steel	Aluminum
Stainless Steel	Nickel
Iron, Pure Swedish	Chrome-Nickel Alloys
Monel Metal	Special Metals or Alloys

SELVAGES & FINISHING—If selvages are required on both edges, this should be clearly specified. In the heavier grades, sheared edges are ordinarily supplied. We can furnish wire cloth Rolled, Formed, Blanked, Knuckled, Soldered, Welded, Brazed, Flanged, Banded, Bound, Gasketed, etc. to meet your requirements or the specifications of the manufacturer of the equipment on which the wire cloth will be used.

Trade Tolerances and Customs

Audubon Wire Cloth achieves the closest approach to exact scientific accuracy that can be attained with modern production methods and equipment and meets the highest of every commercial standard of perfection.

Orders for Audubon Wire Cloth, executed in compliance with specifications, either cut from roll or made to order, cannot be exchanged or returned to us for credit, without our consent.

If there is any doubt as to the exact specifications of the wire cloth you want duplicated, we recommend that you send us a small sample showing what you are now using or require.

Repeat Orders for Audubon Wire Cloth can be specified by sending us the date of your former order or the date of our invoice.






















Stock Shipments and Samples

Audubon Mesh and Space Wire Cloth, in the most generally used specifications, is carried in stock for immediate shipment; see pages 13, 29 and 38 to 41. Large orders can frequently be partly filled from stock and the balance shipped as fast as it is made, thus avoiding inconvenience and delay for the purchaser.

Samples of hundreds of different specifications of Audubon Wire Cloth are carefully indexed and filed. Advise us the range of meshes or openings which will be likely to meet your requirements, and we will forward samples for your examination or experimentation.

Wire Diameters

Washburn & Moen Gauge for Iron and Steel Wire

Diameter of Wire		Gauge of Wire	Actual Size of Wire	Nearest Fraction of an Inch	Decimal Equivalents	
Decimal of Inch	Millimeters				Inches	Millimeters
.3310	8.407	No. 00		$\frac{11}{32}$	.34375	8.731
.3075	7.798	0		$\frac{5}{16}$	.3125	7.938
.2830	7.188	1		$\frac{9}{32}$	.28125	7.144
.2625	6.680	2		$\frac{17}{64}$	.265625	6.747
.2437	6.198	3		$\frac{1}{4}$	.25	6.350
.2253	5.715	4		$\frac{7}{32}$	.21875	5.556
.2070	5.258	5		$\frac{13}{64}$	.203125	5.169
.1920	4.877	6		$\frac{3}{16}$	.1875	4.763
.1770	4.496	7		$\frac{11}{64}$	.171875	4.366
.1620	4.115	8		$\frac{5}{32}$	.15625	3.969
.1483	3.759	9				
.1350	3.429	10		$\frac{9}{64}$	.140625	3.572
.1205	3.048	11		$\frac{1}{8}$	.125	3.175
.1055	2.667	12		$\frac{7}{64}$	.109375	2.778
.0915	2.337	13		$\frac{3}{32}$	.09375	2.381
.0800	2.032	14				
.0720	1.829	15		$\frac{5}{64}$	.078125	1.984
.0625	1.600	16		$\frac{1}{16}$	.0625	1.558
.0540	1.372	17				
.0475	1.194	18		$\frac{3}{64}$	.046875	1.191
.0410	1.041	19				
.0348	.889	20		$\frac{1}{32}$	.03125	.794
.0317	.813	21				
.0286	.711	22				
.0258	.635	23				
.0230	.584	24				

Comparative Table of Wire Gauges

in Decimals as Indicated by Numbers in Various Systems

Number	Steel Wire Gauge or Washburn & Moens	Birmingham or Stubbs	American or Brown & Sharpe	United States or U. S.	Old English	Imperial or English Standard
0000	.3938	.454	.460	.40625	.454	.400
000	.3625	.425	.40964	.375	.425	.372
00	.3310	.380	.36480	.34375	.380	.348
0	.3075	.340	.32495	.3125	.340	.324
1	.2830	.300	.28930	.28125	.300	.300
2	.2625	.284	.25763	.26562	.284	.276
3	.2437	.259	.22942	.25	.259	.252
4	.2253	.238	.20431	.234375	.238	.232
5	.2070	.220	.18194	.21875	.220	.212
6	.1920	.203	.16202	.203125	.203	.192
7	.1770	.180	.14428	.1875	.180	.176
8	.1620	.165	.12849	.171875	.165	.160
9	.1483	.148	.11443	.15625	.148	.144
10	.1350	.134	.10189	.140625	.134	.128
11	.1205	.120	.09074	.125	.120	.116
12	.1055	.109	.08081	.109375	.109	.104
13	.0915	.095	.07196	.09375	.095	.092
14	.0800	.083	.06408	.078125	.083	.080
15	.0720	.072	.05707	.070312	.072	.072
16	.0625	.065	.05082	.0625	.065	.064
17	.0540	.058	.04525	.05625	.058	.056
18	.0475	.049	.04030	.05	.049	.048
19	.0410	.042	.03589	.04375	.040	.040
20	.0348	.035	.03196	.0375	.035	.036
21	.0317	.032	.02846	.034375	.0315	.032
22	.0286	.028	.025347	.03125	.0295	.028
23	.0258	.025	.022571	.028125	.027	.024
24	.0230	.022	.0201	.025	.025	.022
25	.0204	.020	.0179	.021875	.023	.020
26	.0181	.018	.01594	.01875	.0205	.018
27	.0173	.016	.014195	.0171875	.01875	.0164
28	.0162	.014	.012641	.015625	.0165	.0148
29	.0150	.013	.011257	.0140625	.0155	.0136
30	.0140	.012	.010025	.0125	.01375	.0124
31	.0132	.010	.008928	.0109375	.01225	.0116
32	.0128	.009	.00795	.010156	.01125	.0108
33	.0118	.008	.00708	.009375	.01025	.0100
34	.0104	.007	.0063	.008593	.0095	.0092
35	.0095	.005	.00561	.007812	.009	.0084
36	.0090	.004	.005	.007031	.0075	.0076
37	.0085		.00445	.006640	.0065	.0068
38	.0080		.003965	.00625	.00575	.0060
39	.0075		.003531		.005	.0052
40	.0070		.003144		.0045	.0048
41	.0066					
42	.0062					
43	.0060					
44	.0058					
45	.0055					
46	.0052					
47	.0050					
48	.0048					
49	.0046					
50	.0044					

AUDUBON WIRE CLOTH CORPORATION - PHILADELPHIA

Inches and Millimeters

Equivalents of Decimals and Common Fractions
of an Inch in Millimeters—From 1-64th to 1 Inch

In.	1/2's	1/4's	8ths	16ths	32ds	64ths	Millimeters	Decimals of an Inch
						1	= .397	.015625
						2	= .794	.03125
						3	= 1.191	.046875
				1	2	4	= 1.588	.0625
						5	= 1.984	.078125
					3	6	= 2.381	.09375
						7	= 2.778	.109375
			1	2	4	8	= 3.175	.1250
						9	= 3.572	.140625
					5	10	= 3.969	.15625
						11	= 4.366	.171875
				3	6	12	= 4.763	.1875
						13	= 5.159	.203125
					7	14	= 5.556	.21875
						15	= 5.953	.234375
		1	2	4	8	16	= 6.350	.2500
						17	= 6.747	.265625
						18	= 7.144	.28125
						19	= 7.541	.296875
				5	10	20	= 7.938	.3125
						21	= 8.334	.328125
					11	22	= 8.731	.34375
						23	= 9.128	.359375
			3	6	12	24	= 9.525	.3750
						25	= 9.922	.390625
					13	26	= 10.319	.40625
						27	= 10.716	.421875
				7	14	28	= 11.113	.4375
						29	= 11.509	.453125
					15	30	= 11.906	.46875
						31	= 12.303	.484375
		1	2	4	8	16	= 12.700	.5
						33	= 13.097	.515625
						34	= 13.494	.53125
						35	= 13.891	.546875
				9	18	36	= 14.288	.5625
						37	= 14.684	.578125
					19	38	= 15.081	.59375
						39	= 15.478	.609375
				5	10	40	= 15.875	.625
						41	= 16.272	.640625
					21	42	= 16.669	.65625
						43	= 17.066	.671875
				11	22	44	= 17.463	.6875
						45	= 17.859	.703125
					23	46	= 18.256	.71875
						47	= 18.653	.734375
			3	6	12	48	= 19.050	.75
						49	= 19.447	.765625
					25	50	= 19.844	.78125
						51	= 20.241	.796875
				13	26	52	= 20.638	.8125
						53	= 21.034	.828125
					27	54	= 21.431	.84375
						55	= 21.828	.859375
				7	14	56	= 22.225	.875
						57	= 22.622	.890625
					29	58	= 23.019	.90625
						59	= 23.416	.921875
				15	30	60	= 23.813	.9375
						61	= 24.209	.953125
					31	62	= 24.606	.96875
						63	= 25.003	.984375
1	2	4	8	16	32	64	= 25.400	1.000

Hundredths of an Inch to Millimeters

From 1 to 100 Hundredths

Hun- dredths of an Inch	0	1	2	3	4
0	0	.254	.508	.762	1.016
10	2.540	2.794	3.048	3.302	3.556
20	5.080	5.334	5.588	5.842	6.096
30	7.620	7.874	8.128	8.382	8.636
40	10.160	10.414	10.668	10.922	11.176
50	12.700	12.954	13.208	13.462	13.716
60	15.240	15.494	15.748	16.002	16.256
70	17.780	18.034	18.288	18.542	18.796
80	20.320	20.574	20.828	21.082	21.336
90	22.860	23.114	23.368	23.622	23.876
Hun- dredths of an Inch	5	6	7	8	9
0	1.270	1.524	1.778	2.032	2.286
10	3.810	4.064	4.318	4.572	4.826
20	6.350	6.604	6.858	7.112	7.366
30	8.890	9.144	9.398	9.652	9.906
40	11.430	11.684	11.938	12.192	12.446
50	13.970	14.224	14.478	14.732	14.986
60	16.510	16.764	17.018	17.272	17.526
70	19.050	19.304	19.558	19.812	20.066
80	21.590	21.844	22.098	22.352	22.606
90	24.130	24.384	24.638	24.892	25.146

Millimeters to Decimals of an Inch

From 1 to 100 Units

Milli- meters	0	1	2	3	4
0	0	.03937	.07874	.11811	.15748
10	.39370	.43307	.47244	.51181	.55118
20	.78740	.82677	.86614	.90551	.94488
30	1.18110	1.22047	1.25984	1.29921	1.33858
40	1.57480	1.61417	1.65354	1.69291	1.73228
50	1.96850	2.00787	2.04724	2.08661	2.12598
60	2.36220	2.40157	2.44094	2.48031	2.51968
70	2.75590	2.79527	2.83464	2.87401	2.91338
80	3.14960	3.18897	3.22834	3.26771	3.30708
90	3.54330	3.58267	3.62204	3.66141	3.70078
Milli- meters	5	6	7	8	9
0	.19685	.23622	.27559	.31496	.35433
10	.59055	.62992	.66929	.70866	.74803
20	.98425	1.02362	1.06299	1.10236	1.14173
30	1.37795	1.41732	1.45669	1.49606	1.53543
40	1.77165	1.81102	1.85039	1.88976	1.92913
50	2.16535	2.20472	2.24409	2.28346	2.32283
60	2.55905	2.59842	2.63779	2.67716	2.71653
70	2.95275	2.99212	3.03149	3.07086	3.11023
80	3.34645	3.38582	3.42519	3.46456	3.50393
90	3.74015	3.77952	3.81889	3.85826	3.89763

MESH, SPACE & FLEXIBLE WIRE CLOTH

Weight Per Foot and Feet Per Pound

Steel Wire, Washburn and Moen Gauge

Number of Wire	Diameter of Wire		Pounds Per Foot	Feet Per Pound
	Inches	Millimeters		
0000	.393	9.982	.4136	2.418
000	.362	9.195	.3505	2.853
00	.331	8.407	.2922	3.422
0	.307	7.798	.2506	3.991
1	.283	7.188	.2136	4.681
2	.263	6.680	.1838	5.441
3	.244	6.198	.1584	6.313
4	.225	5.715	.1354	7.386
5	.207	5.258	.1143	8.750
6	.192	4.877	.09832	10.17
7	.177	4.496	.08356	11.97
8	.162	4.115	.07000	14.29
9	.148	3.769	.05866	17.05
10	.135	3.429	.04861	20.57
11	.120	3.048	.03873	25.82
12	.105	2.667	.02969	33.69
13	.092	2.337	.02233	44.78
14	.080	2.032	.01707	58.58
15	.072	1.829	.01383	72.32
16	.063	1.600	.01042	95.98
17	.054	1.372	.007778	128.6
18	.047	1.194	.006018	166.2
19	.041	1.041	.004484	223.0
20	.035	.889	.003230	309.6
21	.032	.813	.002680	373.1
22	.028	.711	.002182	458.4
23	.025	.635	.001775	563.3
24	.023	.584	.001411	708.7
25	.020	.508	.001110	900.9
26	.018	.457	.0008738	1144.
27	.017	.432	.0007983	1253.
28	.016	.406	.0007000	1429.
29	.015	.381	.0006001	1666.
30	.014	.356	.0005228	1913.
31	.0132	.335	.0004647	2152.
32	.0128	.325	.0004370	2288.
33	.0118	.300	.0003714	2693.
34	.0104	.264	.0002885	3466.
35	.0095	.241	.0002407	4154.
36	.0090	.228	.0002160	4629.
37	.0085	.216	.0001927	5189.
38	.0080	.203	.0001707	5858.
39	.0075	.191	.0001500	6665.
40	.0070	.178	.0001307	7652.
41	.0066	.168	.0001162	8607.
42	.0062	.158	.0001025	9753.
43	.0060	.152	.00009602	10415.
44	.0058	.147	.00008972	11145.
45	.0055	.140	.00008068	12394.
46	.0052	.132	.00007212	13866.
47	.0050	.127	.00006668	14997.
48	.0048	.122	.00006145	16273.
49	.0046	.117	.00005644	17718.
50	.0044	.112	.00005164	19366.

Audubon Double Crimped Mesh Wire Cloth

Audubon Mesh Wire Cloth is made with a *full double crimp*. Both the shoot and the warp wires are gradually arched, *not abruptly bent*; a construction that retains the tensile strength of the wires and produces a rigid, firm fabric. Arching of both wires makes them self locking, thus the possibility of shifting is eliminated; mesh remains as originally woven. *Illustrations below show full size of wire and mesh as specified.*



1 Mesh, .244 Wire



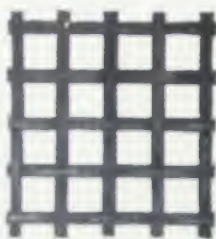
2 Mesh, .162 Wire



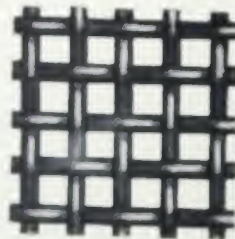
2 Mesh, .105 Wire



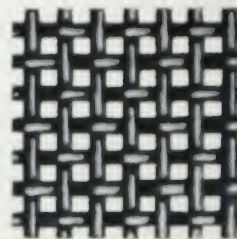
2 1/2 Mesh, .105 Wire



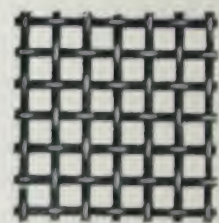
4 Mesh, .072 Wire



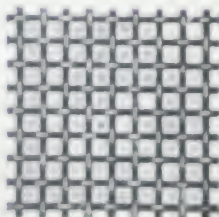
4 Mesh, .105 Wire



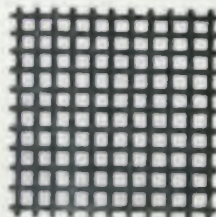
6 Mesh, .092 Wire



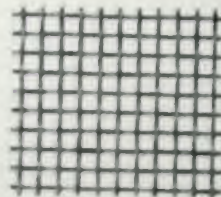
6 Mesh, .047 Wire



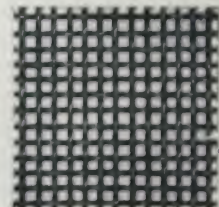
8 Mesh, .041 Wire



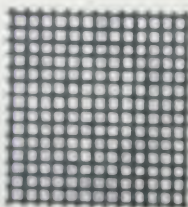
10 Mesh, .041 Wire



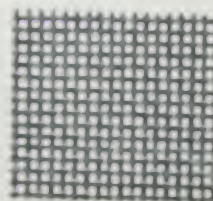
10 Mesh, .020 Wire



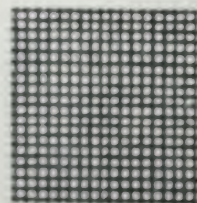
12 Mesh, .028 Wire



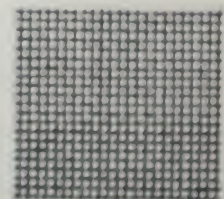
14 Mesh, .023 Wire



16 Mesh, .025 Wire



18 Mesh, .017 Wire



20 Mesh, .018 Wire

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Standard or Market Grade—Carried in Stock

For many applications these "most used" specifications of Audubon Double Crimped Mesh Wire Cloth will meet every requirement. The following specifications in 24, 36, and 48 inch widths of Iron, Steel, Monel, Brass, Copper and Bronze are regularly carried in stock.

Trade Designation		Diameter of Wire Inches	Size of Opening Inches	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge				Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
2	16	.063	.437	76.4%	.54	.60	\$.17	\$.65	\$1.30
3	17	.054	.279	70.1%	.59	.67	.17	.70	1.40
4	18	.047	.203	65.9%	.64	.72	.19	.70	1.40
5	19	.041	.159	63.2%	.58	.65	.22	.70	1.40
6	20	.035	.132	62.7%	.50	.56	.22	.70	1.40
8	22	.028	.097	60.2%	.431	.48	.22	.65	1.30
10	23	.025	.075	56.3%	.441	.49	.25	.65	1.30
12	24	.023	.060	51.8%	.41	.47	.25	.65	1.30
14	25	.020	.051	51.0%	.45	.50	.25	.65	1.30
16	26	.018	.0445	50.7%	.36	.41	.27	.65	1.30
18	27	.017	.0386	48.3%	.37	.41	.27	.60	1.20
20	28	.016	.0340	46.2%	.36	.403	.27	.60	1.20
22	29	.015	.0305	45.0%	.33	.373	.30	.60	1.20
24	29	.015	.0267	41.1%	.38	.428	.35	.65	1.30
30	31	.0132	.0198	35.3%	.37	.418	.40	.70	1.40
35	33	.011	.0176	37.9%	.29	.335	.40	.65	1.30
40	34	.0104	.0150	36.0%	.33	.379	.45	.70	1.40
45	35	.0095	.0127	32.7%	.29	.335	.55	.85	1.70
50	36	.0090	.0110	30.3%			.80	.85	1.70
60	38	.0080	.0087	27.2%			1.20	.85	1.70
70	40	.0070	.0073	26.1%			1.20	1.00	1.75
80	45	.0055	.0070	31.4%			1.40	1.25	2.20
90	46	.0052	.00595	31.6%			1.50	1.50	2.25
100	50	.0044	.0056	31.4%			2.00	1.75	2.65

MESH, SPACE & FLEXIBLE WIRE CLOTH

AUDUBON WIRE CLOTH CORPORATION - PHILADELPHIA

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
1	0	.307	.693	48.0%	7.52	8.49	\$1.65	\$10.25	\$20.50
1	1	.283	.717	51.4%	6.90	7.79	1.30	8.00	16.00
1	2	.263	.737	54.3%	5.50	6.21	1.15	7.00	14.00
1	3	.244	.756	57.2%	4.66	5.24	.90	5.50	11.00
1	4	.225	.775	60.1%	4.10	4.63	.75	4.50	9.00
1	5	.207	.793	62.9%	3.50	3.94	.60	3.75	7.50
1	6	.192	.808	65.3%	2.75	3.08	.55	3.25	6.50
1	7	.177	.823	67.7%	2.57	2.88	.50	3.00	6.00
1	8	.162	.838	70.2%	2.11	2.38	.40	2.50	5.00
1	9	.148	.852	72.6%	1.61	1.82	.35	2.00	4.00
1	10	.135	.865	74.8%	1.32	1.49	.30	1.50	3.00
1	11	.120	.880	77.4%	1.12	1.26	.25	1.25	2.50
1	12	.105	.895	80.1%	.83	.93	.22	.95	1.90
1	13	.092	.908	82.4%	.59	.67	.18	.75	1.50
1	14	.080	.920	84.6%	.49	.55	.15	.65	1.30
1	15	.072	.928	86.1%	.39	.44	.12	.60	1.20
1	16	.063	.937	88.2%	.30	.34		.50	1.00
3/4	1	.283	.467	38.8%	7.75	8.73	1.65	10.25	20.50
3/4	2	.263	.487	42.1%	7.00	7.91	1.40	8.75	17.50
3/4	3	.244	.506	45.5%	6.00	6.78	1.15	7.00	14.00
3/4	4	.225	.525	49.0%	5.13	5.79	.90	5.50	11.00
3/4	5	.207	.543	52.4%	4.80	5.42	.75	4.50	9.00
3/4	6	.192	.558	55.3%	4.20	4.74	.60	3.75	7.50
3/4	7	.177	.573	58.3%	3.30	3.73	.55	3.25	6.50
3/4	8	.162	.588	61.4%	2.53	2.85	.50	3.00	6.00
3/4	9	.148	.602	64.4%	2.05	2.31	.40	2.50	5.00
3/4	10	.135	.615	67.2%	1.81	2.04	.35	2.00	4.00
3/4	11	.120	.630	70.5%	1.45	1.63	.30	1.50	3.00
3/4	12	.105	.645	73.9%	1.12	1.26	.25	1.25	2.50
3/4	13	.092	.658	76.9%	.82	.92	.20	.90	1.80
3/4	14	.080	.670	79.8%	.58	.64	.18	.75	1.50
3/4	15	.072	.678	81.7%	.52	.58	.15	.65	1.30
3/4	16	.063	.687	83.9%	.39	.43	.12	.55	1.10
3/4	17	.054	.696	86.3%	.31	.35		.48	.95
5/8	2	.263	.362	33.5%	8.51	9.61	1.65	10.25	20.50
5/8	3	.244	.381	37.2%	7.05	7.96	1.40	8.75	17.50
5/8	4	.225	.400	41.0%	6.00	6.78	1.15	7.00	14.00
5/8	5	.207	.418	44.7%	5.25	5.93	.90	6.00	12.00
5/8	6	.192	.433	48.0%	4.47	5.03	.75	5.00	10.00
5/8	7	.177	.448	51.4%	3.62	4.08	.60	4.00	8.00
5/8	8	.162	.463	54.9%	3.08	3.47	.55	3.50	7.00
5/8	9	.148	.477	58.3%	2.45	2.76	.45	3.00	6.00
5/8	10	.135	.490	61.5%	2.02	2.28	.40	2.50	5.00
5/8	11	.120	.505	65.3%	1.80	2.03	.35	2.00	4.00
5/8	12	.105	.520	69.2%	1.45	1.63	.30	1.40	2.80
5/8	13	.092	.533	72.7%	.95	1.07	.23	1.00	2.00
5/8	14	.080	.545	76.0%	.72	.81	.19	.80	1.60
5/8	15	.072	.553	78.3%	.61	.69	.17	.70	1.40
5/8	16	.063	.562	80.9%	.48	.54	.15	.60	1.20
5/8	17	.054	.571	83.5%	.39	.44	.12	.50	1.00
5/8	18	.047	.578	85.5%	.31		.10	.45	.90

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
2	4	.225	.275	30.3%	7.62	8.59	\$1.60	\$9.00	\$18.00
2	5	.207	.293	34.3%	6.51	7.34	1.15	7.50	15.00
2	6	.192	.308	37.9%	5.68	6.39	.90	6.00	12.00
2	7	.177	.323	41.7%	4.30	4.85	.75	5.00	10.00
2	8	.162	.338	45.7%	3.77	4.24	.60	4.00	8.00
2	9	.148	.352	49.6%	3.07	3.46	.55	3.50	7.00
2	10	.135	.365	53.3%	2.51	2.83	.45	3.00	6.00
2	11	.120	.380	57.8%	1.97	2.22	.40	2.50	5.00
2	12	.105	.395	62.4%	1.51	1.70	.35	2.00	4.00
2	13	.092	.408	66.6%	1.21	1.37	.25	1.40	2.80
2	14	.080	.420	70.6%	.86	.97	.20	1.00	2.00
2	15	.072	.428	73.3%	.72	.81	.18	.80	1.60
* 2	16	.063	.437	76.4%	.54	.60	.17	.65	1.30
2	17	.054	.446	79.6%	.39	.45	.13	.55	1.10
2	18	.047	.453	82.1%	.31	.35	.11	.45	.90
2	19	.041	.459	84.3%	.24	.13	.10	.40	.80
2 1/4	5	.207	.237	28.0%	7.54	8.53	1.70	9.00	18.00
2 1/4	6	.192	.252	32.2%	6.47	7.31	1.10	7.50	15.00
2 1/4	7	.177	.267	36.2%	5.50	6.22	.85	6.00	12.00
2 1/4	8	.162	.282	40.3%	4.62	5.23	.68	4.50	9.00
2 1/4	9	.148	.296	44.5%	3.86	4.36	.60	3.90	7.80
2 1/4	10	.135	.309	48.5%	3.21	3.63	.50	3.25	6.50
2 1/4	11	.120	.324	53.2%	2.55	2.88	.42	2.65	5.30
2 1/4	12	.105	.339	58.3%	2.06	2.33	.37	2.15	4.30
2 1/4	13	.092	.352	62.8%	1.47	1.66	.30	1.50	3.00
2 1/4	14	.080	.364	67.2%	1.12	1.26	.23	1.15	2.30
2 1/2	6	.192	.208	27.0%	7.02	7.93	1.30	9.00	18.00
2 1/2	7	.177	.223	31.1%	5.85	6.59	.95	6.50	13.00
2 1/2	8	.162	.238	35.4%	4.81	5.41	.75	5.00	10.00
2 1/2	9	.148	.252	39.7%	3.97	4.41	.60	4.25	8.50
2 1/2	10	.135	.265	43.9%	3.35	3.78	.55	3.50	7.00
2 1/2	11	.120	.280	49.0%	2.56	2.88	.45	2.75	5.50
2 1/2	12	.105	.295	54.4%	1.92	2.17	.38	2.25	4.50
2 1/2	13	.092	.308	59.3%	1.44	1.62	.35	1.60	3.20
2 1/2	14	.080	.320	64.0%	1.08	1.21	.25	1.25	2.50
2 1/2	15	.072	.328	67.2%	.90	1.02	.20	1.00	2.00
2 1/2	16	.063	.337	71.0%	.68	.76	.18	.70	1.40
2 1/2	17	.054	.346	74.8%	.49	.55	.15	.60	1.20
2 1/2	18	.047	.353	77.9%	.40	.45	.12	.50	1.00
2 1/2	19	.041	.359	80.6%	.33	.37	.11	.45	.90
2 1/2	20	.035	.365	83.3%	.22	.25	.10	.40	.80
2 3/4	7	.177	.187	26.5%	6.24	7.05	1.30	8.00	16.00
2 3/4	8	.162	.202	31.1%	5.24	4.92	.90	6.00	12.00
2 3/4	9	.148	.216	35.6%	4.31	4.87	.68	4.70	9.40
2 3/4	10	.135	.229	40.0%	3.67	4.15	.58	3.90	7.80
2 3/4	11	.120	.244	45.4%	2.80	3.16	.50	3.30	6.60
2 3/4	12	.105	.259	51.1%	2.09	2.36	.42	2.50	5.00
2 3/4	13	.092	.272	56.4%	1.53	1.73	.37	1.80	3.60
2 3/4	14	.080	.284	61.5%	1.19	1.35	.30	1.35	2.70

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
3	8	.162	.171	26.3%	5.78	6.51	\$1.10	\$6.50	\$13.00
3	9	.148	.185	30.8%	4.69	5.27	.75	5.00	10.00
3	10	.135	.198	35.3%	3.81	4.28	.60	4.25	8.50
3	11	.120	.213	40.8%	3.11	3.51	.55	3.50	7.00
3	12	.105	.228	46.8%	2.34	2.64	.45	2.75	5.50
3	13	.092	.241	52.8%	1.74	1.96	.38	2.00	4.00
3	14	.080	.253	57.6%	1.30	1.47	.35	1.50	3.00
3	15	.072	.261	61.3%	1.14	1.28	.25	1.10	2.20
3	16	.063	.270	65.3%	.80	.90	.20	.85	1.70
3	17	.054	.279	70.1%	.59	.67	.17	.70	1.40
3	18	.047	.286	73.6%	.49	.55	.14	.60	1.20
3	19	.041	.292	76.7%	.37	.41	.12	.50	1.00
3	20	.035	.298	79.9%	.28	.31	.11	.45	.90
3	21	.032	.301	81.5%	.23	.26	.10	.40	.80
3 1/2	9	.148	.159	26.8%	5.24	5.93	.88	5.50	11.00
3 1/2	10	.135	.172	31.3%	4.26	4.81	.69	4.50	9.00
3 1/2	11	.120	.187	37.1%	3.32	3.73	.58	3.65	7.30
3 1/2	12	.105	.202	43.3%	2.60	2.94	.50	2.90	5.80
3 1/2	13	.092	.215	49.0%	2.08	2.35	.42	2.15	4.30
3 1/2	14	.080	.227	54.7%	1.59	1.80	.37	1.65	3.30
3 1/2	9	.148	.138	23.3%	5.62	6.34	1.00	6.00	12.00
3 1/2	10	.135	.151	27.9%	4.67	5.26	.75	4.75	9.50
3 1/2	11	.120	.166	33.8%	3.54	3.99	.60	3.75	7.50
3 1/2	12	.105	.181	40.1%	2.81	3.15	.55	3.00	6.00
3 1/2	13	.092	.194	46.1%	2.19	2.46	.45	2.25	4.50
3 1/2	14	.080	.206	52.0%	1.57	1.76	.38	1.75	3.50
3 1/2	15	.072	.214	56.1%	1.24	1.40	.30	1.30	2.60
3 1/2	16	.063	.223	60.9%	.93	1.05	.25	1.00	2.00
3 1/2	17	.054	.232	65.9%	.72	.81	.20	.80	1.60
3 1/2	18	.047	.239	70.0%	.53	.60	.15	.65	1.30
3 1/2	19	.041	.245	73.5%	.37	.42	.13	.55	1.10
3 1/2	20	.035	.251	77.2%	.30	.34	.12	.50	1.00
3 1/2	21	.032	.254	79.0%	.24	.27	.11	.40	.80
3 1/2	10	.135	.132	24.6%	4.80	5.45	.88	5.50	11.00
3 1/2	11	.120	.147	30.5%	3.79	4.31	.68	4.25	8.50
3 1/2	12	.105	.162	37.1%	2.93	3.33	.58	3.25	6.50
3 1/2	13	.092	.175	43.3%	2.20	2.50	.49	2.50	5.00
4	10	.135	.115	21.2%	5.03	5.67	1.00	6.00	12.00
4	11	.120	.130	27.0%	4.05	4.57	.75	4.50	9.00
4	12	.105	.145	33.6%	3.22	3.63	.60	3.50	7.00
4	13	.092	.158	39.9%	2.32	2.62	.52	2.75	5.50
4	14	.080	.170	46.2%	1.76	1.98	.42	2.25	4.50
4	15	.072	.178	50.7%	1.41	1.59	.35	1.75	3.50
4	16	.063	.187	56.0%	1.06	1.19	.27	1.25	2.50
4	17	.054	.196	61.5%	.77	.87	.22	.90	1.80
4	18	.047	.203	65.9%	.64	.72	.19	.70	1.40
4	19	.041	.209	69.9%	.47	.52	.14	.60	1.20
4	20	.035	.215	74.0%	.35	.39	.13	.55	1.10
4	21	.032	.218	76.0%	.27	.30	.12	.45	.90
4	22	.028	.222	78.9%	.22	.25	.10	.40	.80
4	23	.025	.225	82.5%	.20	.23	.10		

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
4 1/2	11	.120	.102	21.1%	4.64	5.22	\$.90	\$5.25	\$10.50
4 1/2	12	.105	.117	27.7%	3.44	3.88	.75	4.00	8.00
4 1/2	13	.092	.130	34.2%	2.63	2.97	.60	3.35	6.70
4 1/2	14	.080	.142	40.8%	2.11	2.38	.50	2.50	5.00
4 1/2	15	.072	.150	45.6%	1.64	1.85	.42	1.90	3.80
4 1/2	16	.063	.159	51.2%	1.22	1.38	.32	1.50	3.00
4 1/2	17	.054	.168	57.2%	.93	1.05	.25	1.05	2.10
4 1/2	18	.047	.175	62.0%	.75	.84	.22	.75	1.50
4 1/2	19	.041	.181	66.3%	.56	.62	.18	.65	1.30
4 1/2	20	.035	.187	70.8%	.39	.44	.14	.60	1.20
4 1/2	21	.032	.190	73.1%	.33	.37	.13	.50	1.00
4 1/2	22	.028	.194	76.2%	.25	.28	.11	.45	.90
4 1/2	23	.025	.197	78.6%	.20	.23	.10	.40	.80
5	12	.105	.093	22.6%	3.84	4.32	.85	4.50	9.00
5	13	.092	.108	29.2%	2.92	3.30	.65	3.50	7.00
5	14	.080	.120	36.0%	2.24	2.52	.55	2.75	5.50
5	15	.072	.128	41.0%	1.84	2.07	.50	2.40	4.80
5	16	.063	.137	46.9%	1.38	1.55	.40	1.75	3.50
5	17	.054	.146	53.3%	.97	1.09	.30	1.20	2.40
5	18	.047	.153	58.5%	.77	.87	.25	.90	1.80
5	19	.041	.159	63.2%	.58	.65	.22	.70	1.40
5	20	.035	.165	68.1%	.42	.47	.17	.65	1.30
5	21	.032	.168	70.6%	.35	.39	.14	.55	1.10
5	22	.028	.172	74.0%	.29	.33	.12	.45	.90
5	23	.025	.175	76.6%	.25	.28	.11	.40	.80
5	24	.023	.177	78.3%	.19	.21	.10	.35	.70
5 1/2	13	.092	.090	25.0%	3.23	3.67	.73	4.00	8.00
5 1/2	14	.080	.102	32.0%	2.47	2.80	.58	3.00	6.00
5 1/2	15	.072	.110	37.3%	2.00	2.28	.53	2.60	5.20
5 1/2	16	.063	.119	43.7%	1.50	1.71	.45	2.00	4.00
5 1/2	17	.054	.128	50.5%	1.11	1.26	.35	1.40	2.80
5 1/2	18	.047	.135	56.2%	.86	.975	.28	1.00	2.00
5 1/2	19	.041	.141	61.3%	.64	.726	.24	.80	1.60
5 1/2	20	.035	.147	65.3%	.50	.567			
5 1/2	21	.032	.150	68.0%	.38	.432			
5 1/2	22	.028	.154	73.2%	.30	.341	.13	.48	.95
5 1/2	23	.025	.157	76.0%	.24	.273	.12	.45	.90
5 1/2	24	.023	.159	78.0%	.19	.223	.11	.40	.80
6	13	.092	.075	20.2%	3.40	3.93	.80	4.50	9.00
6	14	.080	.087	27.2%	2.68	3.02	.60	3.25	6.50
6	15	.072	.095	32.5%	2.17	2.44	.55	2.75	5.50
6	16	.063	.104	38.9%	1.67	1.88	.50	2.25	4.50
6	17	.054	.113	46.0%	1.22	1.38	.40	1.60	3.20
6	18	.047	.120	51.8%	.92	1.04	.30	1.10	2.20
6	19	.041	.126	57.2%	.68	.77	.25	.85	1.70
6	20	.035	.132	62.7%	.50	.56	.22	.70	1.40
6	21	.032	.135	65.6%	.41	.47	.17	.60	1.20
6	22	.028	.139	69.6%	.32	.36	.14	.50	1.00
6	23	.025	.142	72.6%	.26	.29	.12	.45	.90
6	24	.023	.144	74.7%	.20	.23	.11	.40	.80
6	25	.020	.147	77.8%	.17	.19	.10	.35	.70

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge				Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
6 1/2	14	.080	.074	23.4%	3.03	3.44	\$.70	\$3.60	\$7.20
6 1/2	15	.072	.082	28.8%	2.30	2.60	.58	2.85	5.70
6 1/2	16	.063	.091	35.4%	1.82	2.06	.53	2.40	4.80
6 1/2	17	.054	.100	42.7%	1.35	1.52	.45	1.80	3.60
6 1/2	18	.047	.107	49.0%	1.03	1.16	.35	1.30	2.60
6 1/2	19	.041	.113	53.9%	.75	.846	.28	.93	1.85
6 1/2	20	.035	.119	59.8%	.55	.622	.24	.75	1.50
6 1/2	21	.032	.122	62.8%	.45	.508	.20	.63	1.25
6 1/2	22	.028	.126	67.0%	.37	.418	.16	.53	1.05
6 1/2	23	.025	.129	70.2%	.29	.327	.13	.48	.95
6 1/2	24	.023	.131	72.4%	.24	.271	.12	.45	.90
6 1/2	25	.020	.134	75.8%	.19	.215	.11	.40	.80
7	14	.080	.063	19.5%	3.15	3.55	.80	4.00	8.00
7	15	.072	.071	24.7%	2.60	2.93	.60	3.00	6.00
7	16	.063	.080	31.4%	1.88	2.11	.55	2.50	5.00
7	17	.054	.089	38.8%	1.56	1.75	.50	2.00	4.00
7	18	.047	.096	45.2%	1.08	1.21	.40	1.50	3.00
7	19	.041	.102	51.0%	.80	.90	.30	1.00	2.00
7	20	.035	.108	57.2%	.57	.64	.25	.80	1.60
7	21	.032	.111	60.4%	.48	.54	.22	.65	1.30
7	22	.028	.115	64.8%	.39	.44	.17	.55	1.10
7	23	.025	.118	68.2%	.31	.35	.14	.50	1.00
7	24	.023	.120	70.6%	.26	.30	.12	.45	.90
7	25	.020	.123	74.1%	.21	.24	.11	.40	.80
7	26	.018	.125	76.6%	.16	.18	.10	.35	.70
7 1/2	16	.063	.070	27.8%	2.06	2.33	.58	2.65	5.30
7 1/2	17	.054	.079	35.4%	1.61	1.82	.53	2.15	4.30
7 1/2	18	.047	.086	42.0%	1.18	1.33	.45	1.65	3.30
7 1/2	19	.041	.092	48.0%	.88	.995	.35	1.15	2.30
7 1/2	20	.035	.098	54.5%	.63	.711			
7 1/2	21	.032	.101	57.9%	.51	.576			
7 1/2	22	.028	.105	62.6%	.42	.475	.20	.60	1.20
7 1/2	23	.025	.108	66.2%	.34	.384	.16	.53	1.05
7 1/2	24	.023	.110	69.0%	.27	.305	.13	.48	.95
7 1/2	25	.020	.113	72.5%	.21	.237	.12	.45	.90
7 1/2	26	.018	.115	75.0%	.18	.203	.11	.38	.75
8	15	.072	.053	18.0%	2.783	3.14	.80	3.50	7.00
8	16	.063	.062	24.6%	2.255	2.54	.60	2.75	5.50
8	17	.054	.071	32.3%	1.675	1.89	.55	2.25	4.50
8	18	.047	.078	38.9%	1.283	1.44	.50	1.75	3.50
8	19	.041	.084	45.2%	.924	1.04	.40	1.25	2.50
8	20	.035	.090	51.8%	.667	.75	.30	1.00	2.00
8	21	.032	.093	55.4%	.535	.60	.25	.80	1.60
8	22	.028	.097	60.2%	.431	.48	.22	.65	1.30
8	23	.025	.100	64.0%	.359	.40	.17	.55	1.10
8	24	.023	.102	66.6%	.287	.32	.14	.50	1.00
8	25	.020	.105	70.6%	.219	.25	.12	.45	.90
8	26	.018	.107	73.3%	.202	.23	.11	.40	.80
8	27	.017	.108	74.6%	.196	.23	.10	.35	.70

* Indicates Standard or Market Grade.

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge				Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
8 1/2	16	.063	.055	21.7%	2.35	2.65	\$.68	\$3.00	\$6.00
8 1/2	17	.054	.064	29.3%	1.71	1.93	.58	2.40	4.80
8 1/2	18	.047	.071	36.3%	1.34	1.51	.53	1.90	3.80
8 1/2	19	.041	.077	43.0%	.99	1.12	.45	1.40	2.80
8 1/2	20	.035	.083	49.8%	.73	.825			
8 1/2	21	.032	.086	53.5%	.61	.688			
8 1/2	22	.028	.090	58.6%	.47	.582			
8 1/2	23	.025	.093	62.6%	.39	.440	.20	.58	1.15
8 1/2	24	.023	.095	65.4%	.32	.361	.16	.53	1.05
8 1/2	25	.020	.098	69.5%	.24	.271	.13	.48	.95
8 1/2	26	.018	.100	72.5%	.21	.237	.12	.45	.90
8 1/2	27	.017	.101	74.0%	.18	.203	.11	.40	.80
9	15	.072	.039			3.47		4.00	8.00
9	16	.063	.048	18.7%	2.521	2.84	.75	3.25	6.50
9	17	.054	.057	26.3%	1.808	2.03	.60	2.50	5.00
9	18	.047	.064	33.2%	1.377	1.55	.55	2.00	4.00
9	19	.041	.070	39.7%	1.022	1.15	.50	1.60	3.20
9	20	.035	.076	46.8%	.752	.84	.40	1.15	2.30
9	21	.032	.079	50.8%	.626	.70	.30	.90	1.80
9	22	.028	.083	55.8%	.487	.54	.25	.75	1.50
9	23	.025	.086	59.9%	.408	.46	.22	.60	1.20
9	24	.023	.088	62.7%	.341	.38	.17	.55	1.10
9	25	.020	.091	67.1%	.270	.30	.14	.50	1.00
9	26	.018	.093	70.1%	.217	.24	.12	.45	.90
9	27	.017	.094	71.6%	.181	.20	.11	.43	.85
9	28	.016	.095	73.1%	.159	.18	.10	.40	.80
9 1/2	16	.063	.042	19.4%	2.61	2.95	.90	3.50	7.00
9 1/2	17	.054	.051	23.6%	1.90	2.14	.68	2.65	5.30
9 1/2	18	.047	.058	30.2%	1.49	1.68	.58	2.15	4.30
9 1/2	19	.041	.064	37.2%	1.12	1.26	.53	1.70	3.40
9 1/2	20	.035	.070	44.6%	.81	.91	.45	1.35	2.70
10	17	.054	.046	21.2%	1.957	2.20	.75	2.75	5.50
10	18	.047	.053	28.1%	1.551	1.75	.60	2.25	4.50
10	19	.041	.059	34.8%	1.135	1.28	.55	1.75	3.50
10	20	.035	.065	42.3%	.849	.95	.50	1.50	3.00
10	21	.032	.068	46.2%	.677	.76	.40	1.00	2.00
10	22	.028	.072	51.8%	.546	.61	.30	.85	1.70
*10	23	.025	.075	56.3%	.441	.49	.25	.65	1.30
10	24	.023	.077	59.3%	.349	.40	.20	.60	1.20
10	25	.020	.080	64.0%	.283	.31	.15	.55	1.10
10	26	.018	.082	67.2%	.235	.26	.14	.50	1.00
10	27	.017	.083	68.9%	.217	.24	.12	.45	.90
10	28	.016	.084	70.6%	.180	.20	.11	.42	.85
10	29	.015	.085	72.3%	.159	.18	.10	.38	.75
11	18	.047	.044	23.2%	1.74	1.97	.68	2.50	5.00
11	19	.041	.050	30.2%	1.40	1.58	.58	2.00	4.00
11	20	.035	.056	37.9%	.940	1.06	.53	1.65	3.30
11	21	.032	.059	42.1%	.778	.880	.45	1.25	2.50
11	22	.028	.063	48.0%	.633	.715	.35	.95	1.90
11	23	.025	.066	52.7%	.500	.565	.28	.75	1.50
11	24	.023	.068	56.0%	.390	.440	.23	.63	1.25
11	25	.020	.071	61.0%	.322	.364	.18	.58	1.15
11	26	.018	.073	64.5%	.253	.286	.15	.53	1.05
11	27	.017	.074	66.4%	.230	.260	.13	.46	.90
11	28	.016	.075	68.0%	.203	.229	.12	.42	.85
11	29	.015	.076	70.0%	.174	.197	.11	.39	.80

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
12	18	.047	.036	18.7%	1.83	2.06	\$.75	\$2.75	\$5.50
12	19	.041	.042	25.4%	1.48	1.66	.60	2.25	4.50
12	20	.035	.048	33.2%	1.01	1.17	.55	1.75	3.50
12	21	.032	.051	37.5%	.82	.92	.50	1.50	3.00
12	22	.028	.055	43.6%	.66	.82	.40	1.00	2.00
12	23	.025	.058	48.4%	.52	.58	.30	.85	1.70
* 12	24	.023	.060	51.8%	.41	.47	.25	.65	1.30
12	25	.020	.063	57.2%	.34	.36	.20	.60	1.20
12	26	.018	.065	60.8%	.27	.31	.15	.55	1.10
12	27	.017	.066	62.7%	.24	.27	.14	.45	.90
12	28	.016	.067	64.6%	.21	.24	.12	.43	.85
12	29	.015	.068	66.6%	.18	.20	.11	.42	.85
12	30	.014	.069	68.6%	.16	.18	.10	.40	.80
13	19	.041	.036	21.9%	1.54	1.74	.68	2.50	5.00
13	20	.035	.042	29.9%	1.11	1.25	.58	2.00	4.00
13	21	.032	.045	34.2%	.91	1.03	.53	1.65	3.30
13	22	.028	.049	40.5%	.70	.790	.45	1.20	2.40
13	23	.025	.052	45.7%	.60	.678	.35	.95	1.90
13	24	.023	.054	49.3%	.46	.520	.28	.75	1.50
13	25	.020	.057	54.9%	.39	.441	.23	.63	1.25
13	26	.018	.059	58.9%	.30	.339	.18	.58	1.15
13	27	.017	.060	60.7%	.27	.305	.15	.48	.95
13	28	.016	.061	62.9%	.23	.260	.13	.45	.90
13	29	.015	.062	65.0%	.20	.226	.12	.43	.85
13	30	.014	.063	67.0%	.17	.192	.11	.41	.80
14	19	.041	.030	17.6%	1.51	1.75	.75	2.75	5.50
14	20	.035	.036	25.4%	1.07	1.29	.60	2.25	4.50
14	21	.032	.039	29.8%	.93	1.05	.55	1.75	3.50
14	22	.028	.043	36.2%	.73	.840	.50	1.35	2.70
14	23	.025	.046	41.5%	.62	.700	.40	1.00	2.00
14	24	.023	.048	45.2%	.52	.591	.30	.80	1.60
* 14	25	.020	.051	51.0%	.45	.508	.25	.65	1.30
14	26	.018	.053	55.1%	.32	.362	.20	.60	1.20
14	27	.017	.054	57.2%	.28	.316	.15	.50	1.00
14	28	.016	.055	59.3%	.25	.282	.14	.45	.90
14	29	.015	.056	61.5%	.22	.260	.12	.43	.85
14	30	.014	.057	62.7%	.19	.220	.11	.42	.85
14		.0135	.0575	63.8%	.17	.194	.10	.40	.80
14	31	.0132	.0578	64.4%	.17	.192	.10	.40	.80
14		.013	.058	65.0%	.16	.181	.09	.36	.70
14	32	.0128	.0582	65.5%	.16	.181	.09	.36	.70
14	33	.0118	.0592	67.7%	.14	.158	.08	.34	.70
14		.011	.060	70.6%	.11	.125	.08	.34	.70
14	34	.0104	.0606	71.0%	.10	.114	.07	.30	.60
14		.010	.061	72.9%	.10	.113	.07	.30	.60
15	19	.041	.026	15.4%	1.45	1.65	1.00	3.00	6.00
15	20	.035	.032	23.2%	1.12	1.28	.85	2.50	5.00
15	21	.032	.035	27.9%	.95	1.08	.68	1.90	3.80
15	22	.028	.039	34.6%	.75	.86	.55	1.45	2.90
15	23	.025	.042	40.1%	.64	.73	.45	1.15	2.30
15	24	.023	.044	44.0%	.51	.58	.35	.85	1.70
15	25	.020	.047	50.1%	.42	.48	.29	.68	1.35
15	26	.018	.049	54.6%	.32	.36	.24	.63	1.25
15	27	.017	.050	56.8%	.27	.31	.18	.53	1.05
15	28	.016	.051	59.2%	.25	.28	.16	.48	.95

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
16	19	.041	.0215	11.8%	1.72	1.85	\$1.20	\$3.25	\$6.50
16	20	.035	.0275	19.4%	1.25	1.41	1.00	2.75	5.50
16	21	.032	.0305	23.8%	1.06	1.19	.80	2.00	4.00
16	22	.028	.0345	30.5%	.89	.99	.60	1.50	3.00
16	23	.025	.0375	36.0%	.75	.84	.50	1.25	2.50
16	24	.023	.0395	39.9%	.63	.71	.40	.90	1.80
16	25	.020	.0425	46.2%	.48	.54	.32	.70	1.40
* 16	26	.018	.0445	50.7%	.36	.41	.27	.65	1.30
16	27	.017	.0455	53.0%	.31	.37	.20	.55	1.10
16	28	.016	.0465	55.4%	.29	.32	.17	.50	1.00
16	29	.015	.0475	57.8%	.24	.27	.15	.45	.90
16	30	.014	.0485	60.2%	.22	.25	.13	.43	.85
16		.0135	.0490	61.5%	.19	.21	.12	.40	.80
16	31	.0132	.0493	62.0%	.19	.21	.12	.40	.80
16		.013	.0495	62.7%	.18	.20	.11	.38	.75
16	32	.0128	.0497	63.4%	.18	.20	.11	.38	.75
16		.012	.0505	64.2%	.173	.192		.36	
16	33	.0118	.0507	65.7%	.156	.176	.10	.36	.70
16		.011	.0515	67.9%	.140	.169	.10	.36	.70
16	34	.0104	.0521	69.5%	.120	.135	.09	.34	.70
16		.010	.0525	70.6%	.11	.125	.09	.34	.70
16	35	.0095	.0530	71.9%	.10	.113	.08	.30	.60
18	20	.035	.0206	13.7%	1.42	1.60	1.20	3.25	6.50
18	21	.032	.0236	18.0%	1.28	1.29	1.00	2.50	5.00
18	22	.028	.0276	24.7%	.97	1.07	.80	2.00	4.00
18	23	.025	.0306	30.3%	.78	.87	.60	1.50	3.00
18	24	.023	.0326	34.4%	.63	.72	.50	1.25	2.50
18	25	.020	.0356	41.1%	.53	.59	.40	.85	1.70
18	26	.018	.0376	45.8%	.43	.48	.32	.70	1.40
* 18	27	.017	.0386	48.3%	.37	.41	.27	.60	1.20
18	28	.016	.0396	50.8%	.32	.36	.24	.55	1.10
18	29	.015	.0406	53.4%	.28	.31	.22	.50	1.00
18	30	.014	.0416	56.1%	.24	.26	.20	.45	.90
18		.0135	.0421	57.4%	.22	.25	.19	.43	.85
18	31	.0132	.0424	58.3%	.21	.23	.19	.43	.85
18		.013	.0426	58.8%	.20	.22	.18	.40	.80
18	32	.0128	.0428	59.5%	.18	.20	.18	.40	.80
18		.012	.0436	61.8%	.17	.19		.38	.75
18	33	.0118	.0438	62.3%	.173	.19	.16	.38	.75
18		.011	.0446	64.4%	.15	.17	.16	.32	.65
18	34	.0104	.0452	66.4%	.14	.15	.14	.31	.60
18		.010	.0456	67.4%	.13	.146	.14	.31	.60
18	35	.0095	.0461	68.9%	.11	.125	.13	.29	.60
18	36	.009	.0466	70.4%	.10	.113	.12	.26	.55

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
20	21	.032	.018			1.493		\$3.00	\$6.00
20	22	.028	.0220	19.4%	1.07	1.207	\$1.00	2.50	5.00
20	23	.025	.0250	25.0%	.88	.992	.90	2.00	4.00
20	24	.023	.0270	29.2%	.75	.813	.65	1.50	3.00
20	25	.020	.0300	36.0%	.58	.653	.50	1.15	2.30
20	26	.018	.0320	41.0%	.47	.529	.40	.80	1.60
20	27	.017	.0330	43.6%	.42	.452	.35	.65	1.30
* 20	28	.016	.0340	46.2%	.36	.403	.27	.60	1.20
20	29	.015	.0350	49.0%	.31	.350	.25	.55	1.10
20	30	.014	.0360	51.8%	.27	.304	.23	.50	1.00
20		.0135	.0365	53.3%	.24	.270	.21	.45	.90
20	31	.0132	.0368	54.2%	.23	.26	.21	.45	.90
20		.013	.0370	54.8%	.22	.248	.20	.43	.85
20	32	.0128	.0372	55.4%	.21	.241	.20	.43	.85
20		.012	.0380	57.8%	.21	.240		.40	.80
20	33	.0118	.0382	58.4%	.19	.215	.19	.40	.80
20		.011	.0390	60.8%	.18	.203	.19	.35	.70
20	34	.0104	.0396	62.7%	.15	.170	.18	.32	.65
20		.010	.0400	64.0%	.15	.170	.18	.32	.65
20	35	.0095	.0405	65.6%	.13	.147	.17	.28	.55
20	36	.009	.0410	67.2%	.11	.125	.16	.27	.55
22	22	.028	.0175	14.8%	1.35	1.266	1.20	3.00	6.00
22	23	.025	.0205	20.3%	1.00	1.130	1.00	2.50	5.00
22	24	.023	.0225	24.5%	.78	.879	.90	2.00	4.00
22	25	.020	.0255	31.5%	.66	.744	.65	1.50	3.00
22	26	.018	.0275	36.6%	.52	.587	.50	1.10	2.20
22	27	.017	.0285	39.3%	.44	.496	.40	.75	1.50
22	28	.016	.0295	42.1%	.39	.439	.35	.65	1.30
* 22	29	.015	.0305	45.0%	.33	.373	.30	.60	1.20
22	30	.014	.0315	48.0%	.29	.328	.26	.55	1.10
22		.0135	.0320	49.6%	.27	.304	.24	.50	1.00
22	31	.0132	.0323	50.6%	.26	.292	.24	.50	1.00
22		.013	.0325	51.1%	.25	.269	.23	.45	.90
22	32	.0128	.0327	51.6%	.22	.249	.23	.45	.90
22		.012	.0335	54.3%	.21	.242		.43	.85
22	33	.0118	.0337	54.9%	.20	.226	.22	.43	.85
22		.011	.0345	57.6%	.19	.235	.22	.40	.80
22	34	.0104	.0351	59.5%	.18	.203	.21	.35	.70
22		.010	.0355	61.0%	.18	.203	.21	.35	.70
22	35	.0095	.0360	62.7%	.15	.169	.20	.32	.65
22	36	.009	.0365	64.5%	.13	.147	.18	.28	.55

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
24	24	.023	.0187	20.1%	.89	1.003	\$1.00	\$2.50	\$5.00
24	25	.020	.0217	27.1%	.68	.766	.90	2.00	4.00
24	26	.018	.0237	32.4%	.54	.609	.65	1.40	2.80
24	27	.017	.0247	35.1%	.49	.551	.50	1.00	2.00
24	28	.016	.0257	38.0%	.44	.496	.40	.75	1.50
* 24	29	.015	.0267	41.1%	.38	.428	.35	.65	1.30
24	30	.014	.0277	44.2%	.33	.373	.30	.60	1.20
24		.0135	.0282	45.8%	.29	.330	.26	.55	1.10
24	31	.0132	.0285	46.6%	.27	.305	.26	.55	1.10
24		.013	.0287	47.4%	.27	.305	.24	.50	1.00
24	32	.0128	.0289	48.0%	.26	.294	.24	.50	1.00
24		.012	.0297	50.8%	.25	.281		.45	.90
24	33	.0118	.0299	51.4%	.24	.272	.23	.45	.90
24		.011	.0307	54.3%	.23	.260	.23	.43	.85
24	34	.0104	.0313	56.3%	.20	.226	.22	.40	.80
24		.010	.0317	57.9%	.19	.215	.22	.40	.80
24	35	.0095	.0322	59.7%	.16	.181	.21	.35	.70
24	36	.009	.0327	61.6%	.14	.158	.20	.32	.65
24	37	.0085	.0332	63.4%	.12	.136	.19	.30	.60
24	38	.008	.0337	65.4%	.11	.120	.18	.28	.55
24	39	.0075	.0342	67.1%	.10	.113	.17	.26	.50
26	25	.020	.0185	22.5%		.895		2.50	5.00
26	26	.018	.0205	28.4%	.64	.722	.90	1.75	3.50
26	27	.017	.0215	31.2%	.54	.609	.65	1.25	2.50
26	28	.016	.0225	34.2%	.46	.518	.50	.90	1.80
26	29	.015	.0235	37.3%	.42	.474	.40	.70	1.40
26	30	.014	.0245	40.6%	.36	.406	.35	.65	1.30
26		.0135	.0250	42.3%	.33	.373	.30	.60	1.20
26	31	.0132	.0253	43.2%	.33	.373	.30	.60	1.20
26		.013	.0255	44.0%	.28	.316	.26	.55	1.10
26	32	.0128	.0257	44.6%	.27	.305	.26	.55	1.10
26		.012	.0265	47.5%	.25	.283		.50	1.00
26	33	.0118	.0267	48.1%	.25	.283	.24	.50	1.00
26		.011	.0275	51.1%	.23	.265	.24	.45	.90
26	34	.0104	.0281	53.3%	.22	.249	.23	.43	.85
26		.010	.0285	54.9%	.21	.237	.23	.43	.85
26	35	.0095	.0290	56.9%	.17	.192	.22	.40	.80
26	36	.009	.0295	58.8%	.14	.160	.21	.35	.70
26	37	.0085	.0300	60.7%	.12	.135	.20	.33	.65
26	38	.008	.0305	62.9%	.11	.125	.19	.32	.65
26	39	.0075	.0310	64.9%	.10	.113	.18	.31	.60

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
28	26	.018	.0177	24.6%		.731		\$2.00	\$4.00
28	27	.017	.0187	27.4%	.57	.644	\$.90	1.40	2.80
28	28	.016	.0197	30.4%	.48	.555	.65	1.00	2.00
28	29	.015	.0207	33.6%	.43	.486	.50	.85	1.70
28	30	.014	.0217	36.9%	.38	.429	.40	.70	1.40
28		.0135	.0222	38.6%	.35	.395	.35	.65	1.30
28	31	.0132	.0225	39.8%	.34	.384	.35	.65	1.30
28		.013	.0227	40.4%	.31	.350	.30	.60	1.20
28	32	.0128	.0229	41.1%	.29	.328	.30	.60	1.20
28		.012	.0237	44.0%	.29	.325		.55	1.10
28	33	.0118	.0239	44.8%	.28	.316	.28	.55	1.10
28		.011	.0247	47.8%	.27	.305	.28	.50	1.00
28	34	.0104	.0253	50.1%	.23	.26	.26	.45	.90
28		.010	.0257	51.8%	.22	.248	.26	.45	.90
28	35	.0095	.0262	53.8%	.16	.181	.24	.43	.85
28	36	.009	.0267	55.9%	.15	.169	.23	.40	.80
28	37	.0085	.0272	58.0%	.12	.136	.22	.38	.75
28	38	.008	.0277	60.2%	.115	.130	.21	.35	.70
28	39	.0075	.0282	62.4%	.11	.125	.20	.32	.70
30	27	.017	.0163	23.9%	.60	.678	1.00	1.60	3.20
30	28	.016	.0173	26.9%	.54	.610	.90	1.25	2.50
30	29	.015	.0183	30.1%	.46	.519	.60	1.00	2.00
30	30	.014	.0193	33.5%	.42	.474	.45	.85	1.70
30		.0135	.0198	35.3%	.37	.418	.40	.70	1.40
* 30	31	.0132	.0201	36.4%	.35	.396	.40	.70	1.40
30		.013	.0203	37.1%	.34	.384	.35	.65	1.30
30	32	.0128	.0205	37.9%	.33	.380	.35	.65	1.30
30		.012	.0213	40.8%	.31	.370		.60	1.20
30	33	.0118	.0215	41.7%	.30	.339	.30	.60	1.20
30		.011	.0223	44.8%	.29	.328	.30	.55	1.10
30	34	.0104	.0229	47.4%	.25	.283	.28	.50	1.00
30		.010	.0233	48.9%	.24	.271	.28	.50	1.00
30	35	.0095	.0238	51.0%	.17	.192	.26	.45	.90
30	36	.009	.0243	53.1%	.16	.181	.24	.43	.85
30	37	.0085	.0248	55.4%	.15	.169	.23	.42	.85
30	38	.008	.0253	57.6%	.14	.160	.22	.40	.80
30	39	.0075	.0258	60.0%	.13	.146	.20	.35	.70
32	28	.016	.0153	24.0%	.57	.644	1.00	1.50	3.00
32	29	.015	.0163	27.2%	.51	.576	.90	1.25	2.50
32	30	.014	.0173	30.6%	.46	.520	.55	1.00	2.00
32		.0135	.0178	32.4%	.39	.441	.45	.85	1.70
32	31	.0132	.0181	33.6%	.38	.430	.45	.85	1.70
32		.013	.0183	34.3%	.36	.406	.40	.70	1.40
32	32	.0128	.0185	35.1%	.36	.406	.40	.70	1.40
32		.012	.0193	38.2%	.33	.375		.65	1.30
32	33	.0118	.0195	39.0%	.32	.362	.35	.65	1.30
32		.011	.0203	42.2%	.29	.330	.35	.60	1.20
32	34	.0104	.0209	44.7%	.27	.304	.30	.55	1.10
32		.010	.0213	46.5%	.26	.293	.30	.55	1.10
32	35	.0095	.0218	48.7%	.23	.248	.28	.50	1.00
32	36	.009	.0223	50.9%	.17	.192	.26	.45	.90
32	37	.0085	.0228	52.0%	.16	.181	.25	.44	.85
32	38	.008	.0233	55.7%	.15	.177	.24	.43	.85
32	39	.0075	.0238	58.0%	.14	.158	.23	.40	.80
32		.007	.0243	60.5%		.139		.39	.80

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
35	28	.016	.0126	19.4%	.59	.667	\$1.25	\$2.00	\$4.00
35	29	.015	.0136	22.7%	.53	.598	1.00	1.50	3.00
35	30	.014	.0146	26.1%	.45	.525	.90	1.25	2.50
35		.0135	.0151	27.9%	.42	.474	.55	1.00	2.00
35	31	.0132	.0154	29.0%	.41	.464	.55	1.00	2.00
35		.013	.0156	29.9%	.40	.460	.45	.85	1.70
35	32	.0128	.0158	30.5%	.40	.453	.45	.85	1.70
35		.012	.0166	33.6%	.34	.384		.70	1.40
35	33	.0118	.0168	34.6%	.34	.380	.40	.70	1.40
* 35		.011	.0176	37.9%	.29	.335	.40	.65	1.30
35	34	.0104	.0182	40.6%	.28	.316	.36	.60	1.20
35		.010	.0186	42.4%	.28	.316	.36	.60	1.20
35	35	.0095	.0191	44.7%	.22	.253	.32	.55	1.10
35	36	.009	.0196	47.1%	.20	.231	.30	.50	1.00
35	37	.0085	.0201	49.4%	.18	.204	.29	.48	.95
35	38	.008	.0206	51.9%	.17	.195	.27	.45	.90
35	39	.0075	.0211	54.5%	.15	.169	.26	.43	.85
38	30	.014	.0123	21.8%	.53	.599	1.00	1.50	3.00
38		.0135	.0128	23.7%	.51	.576	.90	1.25	2.50
38	31	.0132	.0131	24.8%	.44	.497	.90	1.25	2.50
38		.013	.0133	25.5%	.44	.497	.55	1.00	2.00
38	32	.0128	.0135	26.3%	.40	.455	.55	1.00	2.00
38		.012	.0143	29.5%	.36	.406		.85	1.70
38	33	.0118	.0145	30.4%	.37	.417	.45	.85	1.70
38		.011	.0153	33.8%	.30	.327	.45	.70	1.40
38	34	.0104	.0159	36.5%	.30	.327	.40	.65	1.30
38		.010	.0163	38.4%	.27	.323	.40	.65	1.30
38	35	.0095	.0168	40.8%	.26	.293	.36	.60	1.20
38	36	.009	.0173	43.2%	.25	.282	.32	.55	1.10
40		.0135	.0115	21.2%	.49	.581	1.00	1.50	3.00
40	31	.0132	.0118	22.3%	.49	.581	1.00	1.50	3.00
40		.013	.0120	23.0%	.44	.501	.90	1.25	2.50
40	32	.0128	.0122	23.8%	.44	.501	.90	1.25	2.50
40		.012	.0130	27.1%	.39	.441		1.00	2.00
40	33	.0118	.0132	27.6%	.39	.441	.55	1.00	2.00
40		.011	.0140	31.4%	.36	.406	.55	.85	1.70
* 40	34	.0104	.0146	34.1%	.34	.384	.45	.70	1.40
40		.010	.0150	36.0%	.33	.379	.45	.70	1.40
40	35	.0095	.0155	38.4%	.26	.303	.40	.65	1.30
40	36	.009	.0160	41.0%	.24	.271	.38	.60	1.20
40	37	.0085	.0165	43.6%	.22	.249	.35	.58	1.15
40	38	.008	.0170	46.2%	.17	.235	.33	.55	1.10
40	39	.0075	.0175	49.0%	.15	.169	.30	.50	1.00
42		.0135	.0103	18.7%	.51	.605	1.25	1.75	3.50
42	31	.0132	.0106	19.9%	.50	.565	1.25	1.75	3.50
42		.013	.0108	20.6%	.45	.508	1.00	1.50	3.00
42	32	.0128	.0110	21.2%	.45	.508	1.00	1.50	3.00
42		.012	.0118	24.6%	.41	.463		1.25	2.50
42	33	.0118	.0120	25.2%	.41	.464	.90	1.25	2.50
42		.011	.0128	28.9%	.37	.418	.90	1.00	2.00
42	34	.0104	.0134	31.7%	.35	.395	.55	.85	1.70
42		.010	.0138	33.6%	.35	.395	.55	.85	1.70
42	35	.0095	.0143	36.1%	.30	.340	.45	.70	1.40
42	36	.009	.0148	38.6%	.26	.294	.40	.65	1.30

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
45		.013	.0092	17.1%	.49	.540	\$1.30	\$1.75	\$3.50
45	32	.0128	.0094	18.8%	.47	.530	1.30	1.75	3.50
45		.012	.0102	22.1%	.45	.509		1.50	3.00
45	33	.0118	.0104	23.0%	.44	.497	1.10	1.50	3.00
45		.011	.0112	25.4%	.38	.429	1.10	1.30	2.60
45	34	.0104	.0118	29.6%	.36	.409	.90	1.00	2.00
45		.010	.0122	30.1%	.33	.405	.90	1.00	2.00
* 45	35	.0095	.0127	32.7%	.29	.335	.55	.85	1.70
45	36	.009	.0132	35.3%	.26	.293	.50	.70	1.40
45	37	.0085	.0137	38.0%	.23	.259	.45	.68	1.35
45	38	.008	.0142	42.9%	.225	.250	.42	.65	1.30
45	39	.0075	.0147	46.0%	.21	.237	.40	.55	1.10
50		.0125	.00750	14.1%			1.80	1.85	3.70
50		.01225	.00775	15.0%			1.70	1.75	3.50
50		.012	.0080	16.0%			1.60	1.60	3.20
50	33	.0118	.0082	16.8%			1.60	1.60	3.20
50		.0115	.0085	18.1%			1.50	1.50	3.00
50		.01125	.00875	19.1%			1.50	1.50	3.00
50		.0110	.0090	20.2%			1.50	1.50	3.00
50		.01075	.00925	21.2%			1.35	1.35	2.70
50		.0105	.0095	22.6%			1.25	1.30	2.60
50	34	.0104	.0096	23.0%			1.25	1.30	2.60
50		.01025	.00975	23.8%			1.25	1.30	2.60
50		.010	.0100	25.0%			1.25	1.30	2.60
50		.00975	.01025	26.3%			1.10	1.20	2.40
50	35	.0095	.0105	27.6%			1.00	1.00	2.00
50		.00925	.01075	28.9%			.90	.90	1.80
* 50	36	.0090	.0110	30.3%			.80	.85	1.70
50		.00875	.01125	31.6%			.70	.80	1.60
50	37	.0085	.0115	33.1%			.55	.75	1.50
50		.00825	.01175	34.5%			.55	.75	1.50
50	38	.0080	.0120	36.0%			.50	.70	1.40
50		.00775	.01225	37.5%			.50	.70	1.40
50	39	.0075	.0125	39.1%			.45	.65	1.30
55	35	.0095	.0087	22.9%			1.30	1.30	2.60
55		.00925	.00895	24.1%			1.20	1.20	2.40
55	36	.0090	.0092	25.6%			1.00	1.00	2.00
55		.00875	.00945	27.0%			1.00	1.00	2.00
55	37	.0085	.0097	28.5%			.90	.90	1.80
55		.00825	.00995	29.8%			.90	.90	1.80
55	38	.0080	.0102	31.5%			.70	.80	1.60
55		.00775	.01045	33.0%			.70	.80	1.60
55	39	.0075	.0107	34.6%			.65	.75	1.50
55		.0070	.0112	37.9%			.60	.70	1.40

* Indicates Standard or Market Grade.

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge				Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
60	35	.0095	.0072	18.7%			\$1.50	\$1.35	\$2.70
60		.00925	.00755	20.4%			1.45	1.30	2.60
60	36	.0090	.0077	21.3%			1.40	1.25	2.50
60		.00875	.00795	22.6%			1.35	1.00	2.00
60	37	.0085	.0082	24.2%			1.30	.90	1.80
60		.00825	.00845	25.6%			1.25	.90	1.80
* 60	38	.0080	.0087	27.2%			1.20	.85	1.70
60		.00775	.00895	28.7%			1.10	.80	1.60
60	39	.0075	.0092	30.5%			1.00	.80	1.60
60		.00725	.00945	32.0%			.90	.75	1.50
60	40	.0070	.0097	33.9%			.85	.70	1.40
60		.00675	.0099	35.3%			.75	.65	1.30
60	41	.0066	.0101	36.2%			.75	.60	1.20
60		.0065	.0102	37.3%			.70	.60	1.20
60		.00625	.01045	39.2%			.65	.60	1.20
60		.0060	.0107	36.5%			.60	.55	1.10
64	39	.0075	.0081	26.9%			1.20	1.00	1.75
64		.00725	.00835	28.7%			1.15	.95	1.65
64	40	.0070	.0086	30.3%			1.10	.90	1.60
64		.00675	.0089	32.4%			.85	.80	1.40
64	41	.0066	.0090	33.6%			.85	.75	1.30
64		.0065	.0091	34.0%			.85	.75	1.30
64		.00625	.0094	35.7%			.80	.65	1.15
64	42	.0062	.00945	36.2%			.80	.65	1.15
70	36	.0090	.0053	14.3%			1.80	1.65	2.90
70		.00875	.00555	15.7%			1.70	1.55	2.70
70	37	.0085	.0058	17.2%			1.60	1.45	2.55
70		.00825	.00605	18.0%			1.50	1.35	2.35
70	38	.0080	.0060	18.4%			1.40	1.25	2.20
70		.00775	.00655	21.9%			1.35	1.25	2.20
70	39	.00750	.0068	23.6%			1.30	1.20	2.10
70		.00725	.00705	25.3%			1.25	1.10	1.95
* 70	40	.0070	.0073	26.1%			1.20	1.00	1.75
70		.00675	.0075	27.6%			1.10	.95	1.65
70	41	.0066	.0077	29.0%			1.00	.90	1.55
70		.0065	.0078	29.8%			.90	.85	1.50
70		.00625	.0080	32.4%			.85	.75	1.30
70	42	.0062	.0081	33.4%			.85	.75	1.30
74	40	.0070	.0065	23.1%			1.30	1.10	1.95
74		.00675	.0068	25.3%			1.25		
74	41	.0066	.0069	25.7%			1.10	1.00	1.75
74		.0065	.0070	26.8%			1.10	.90	1.60
74		.00625	.0073	29.2%			.95	.80	1.40
74	42	.0062	.0073	29.8%			.95	.80	1.40
74	43	.0060	.0075	30.8%			.90	.75	1.30

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Double Crimped Mesh Wire Cloth

Trade Designation		Diameter of Wire	Size of Opening	Open Area	Approximate Weight in Pounds per Square Foot		LIST PRICE per Square Ft.		
Number of Meshes per Inch	Number of Wire W & M Gauge	Inches	Inches		Iron or Steel	Copper, Brass or Bronze	Iron or Steel	Copper, Brass or Bronze	Monel, Nickel, Stainless Steel
80	39	.0075	.0050	16.0%			\$2.10	\$1.95	\$3.40
80		.00725	.00525	17.6%			2.00	1.85	3.25
80	40	.0070	.0055	19.4%			1.90	1.75	3.05
80		.00675	.00575	21.2%			1.85	1.65	2.90
80	41	.0066	.0059	22.3%			1.80	1.55	2.70
80		.0065	.0060	23.1%			1.80	1.55	2.70
80		.00625	.00625	25.0%			1.70	1.45	2.55
80	43	.0060	.00650	27.0%			1.60	1.35	2.35
80		.00575	.0068	29.6%			1.50	1.25	2.20
* 80	45	.0055	.0070	31.4%			1.40	1.25	2.20
80		.0053	.0073	34.1%			1.30	1.15	2.00
80		.00525	.0073	34.2%			1.30	1.15	2.00
80	47	.0050	.0075	36.0%			1.20	1.00	1.75
85	43	.006	.00578	24.3%			1.85	1.50	2.25
90	42	.0062	.0049	21.6%			2.00	1.85	2.80
90	43	.0060	.0052	24.1%			1.85	1.75	2.65
90		.00575	.00545	26.6%			1.75	1.65	2.50
90	45	.0055	.0057	29.0%			1.65	1.55	2.35
90		.0053	.0059	31.0%			1.50	1.50	2.25
* 90		.00525	.00595	31.6%			1.50	1.50	2.25
90	47	.0050	.0061	33.2%			1.50	1.50	2.25
100		.00525	.00475	22.6%			2.30	2.05	3.10
100	47	.0050	.0050	25.0%			2.20	1.95	2.95
100		.00475	.00525	27.6%			2.10	1.85	2.80
100		.0045	.0055	30.4%			2.00	1.75	2.65
* 100	50	.0044	.0056	31.4%			2.00	1.75	2.65
100		.00425	.00575	33.0%			1.85	1.70	2.55
100		.0040	.0060	36.0%			1.75	1.60	2.40
100		.00375	.00625	39.0%			1.70	1.55	2.35
100		.0035	.0065	42.2%			1.65	1.50	2.25
100		.00325	.00675	45.5%			1.60	1.45	2.20
100		.003	.0070	48.0%			1.55	1.40	2.10
110		.0040	.0051	31.6%				1.85	2.80
110		.0038	.0053	34.0%			2.00		
120		.0037	.0046	30.7%				2.00	3.00
120		.0036	.0047	32.0%			2.25		

* Indicates Standard or Market Grade.

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Extra Fine Mesh Wire Cloth

Steel, Brass, Bronze, Monel, Nickel, Stainless Steel and Other Metals

Exceptional precision and accuracy characterize Audubon Extra Fine Mesh Wire Cloth, thus assuring absolute reliability for the most exacting process, industrial or laboratory requirements. Most meshes in phosphor bronze, brass, monel, nickel and stainless steel, are carried in stock, and since all wire sizes in phosphor bronze, brass, copper, steel, monel, stainless steel, nickel, and other ductile metals are readily available, production can be started on large or special orders without delay. Twilled weave, see illustration on page 31, permits the use of a heavier wire than can be woven in plain weave.

Mesh	Diameter of Wire		Size of Opening		Open Area	List Price per Square Foot	
	Inches	Millimeters	Inches	Millimeters		Brass and Bronze	Monel, Nickel, Stainless Steel
		PLAIN	WEAVE				
100	.0045	.1143	.0055	.1397	30%	\$1.75	\$2.65
110	.0040	.1016	.0051	.1295	31%	1.85	2.80
120	.0037	.094	.0046	.1168	30%	2.00	3.00
130	.0034	.0864	.0043	.1092	31%	2.25	3.40
140	.0029	.0737	.0042	.1067	35%	2.50	3.75
150	.0026	.066	.0041	.1041	38%	2.75	4.15
160	.0025	.0635	.0038	.0965	37%	3.00	4.50
170	.0024	.061	.0035	.0889	35%	3.50	5.25
180	.0023	.0584	.0033	.0838	35%	4.00	6.00
190	.0022	.0559	.0031	.0787	35%	4.25	6.40
200	.0021	.0533	.0029	.0737	34%	4.50	6.75
220	.0017	.0432	.0028	.0711	38%	7.50	11.25
240	.0016	.0406	.0026	.066	39%	9.50	14.25
250	.0016	.0406	.0024	.061	36%	11.00	16.50
		TWILLED	WEAVE				
110	.0045	.1143	.0046	.1168	26%	1.85	2.80
120	.0040	.1016	.0043	.1092	27%	2.00	3.00
130	.0038	.0965	.0039	.0991	26%	2.25	3.40
140	.0033	.0838	.0038	.0965	28%	2.50	3.75
150	.0030	.0762	.0037	.0940	31%	2.75	4.15
160	.0028	.0711	.0035	.0889	31%	3.00	4.50
170	.0026	.066	.0033	.0838	31%	3.50	5.25
180	.0025	.0635	.0031	.0787	31%	4.00	6.00
190	.0024	.061	.0029	.0737	30%	4.25	6.40
200	.0023	.0584	.0027	.0686	29%	4.50	6.75
220	.0019	.0483	.0026	.066	33%	7.50	11.25
230	.0018	.0457	.00255	.0648	34%	8.50	12.75
240	.0017	.0432	.0025	.0635	36%	9.50	14.25
250	.0016	.0406	.0024	.061	36%	11.00	16.50
260	.0016	.0406	.0022	.0559	33%	16.00	24.00
270	.0016	.0406	.0021	.0533	32%	22.00	33.00
280	.0016	.0406	.0020	.0508	31%	23.00	34.50
300	.0015	.0381	.0018	.0457	29%	25.00	37.50
325	.0014	.0356	.0017	.0432	31%	28.00	42.00

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Tinned Mill Screen Cloth

Double crimp woven of high grade steel wire, heavily coated with tin to make it entirely rustproof and less liable to clog than plain steel wire. Furnished in all widths to meet your requirements.

No. of Meshes per Inch	No. of Wire W. & M. Gauge	Diameter of Wire Inches	Size of Opening Inches	List Price per Square Foot
2	17	.054	.446	\$.15
3	19	.041	.292	.16
4	20	.035	.215	.17
5	21	.032	.168	.17
6	22	.028	.139	.18
7	22	.028	.115	.20
8	23	.025	.100	.20
9	24	.023	.088	.20
10	25	.020	.080	.22
12	26	.018	.065	.22
14	27	.017	.054	.25
16	28	.016	.0465	.25
18	29	.015	.0406	.26
20	30	.014	.0360	.28

No. of Meshes per Inch	No. of Wire W. & M. Gauge	Diameter of Wire Inches	Size of Opening Inches	List Price per Square Foot
22	31	.0135	.0320	\$.30
24	32	.013	.0287	.35
26	33	.011	.0275	.35
28	34	.010	.0257	.38
30	35	.0095	.0238	.40
32	36	.009	.0223	.40
34	36	.009	.0204	.45
36	36	.009	.0188	.45
38	37	.0085	.0178	.50
40	37	.0085	.0165	.55
45	38	.008	.0142	.60
50	39	.0075	.0125	.65
55	40	.007	.0112	.70
60	..	.0065	.0102	.85

Audubon Brass Milk Strainer Cloth



No. 40 Mesh .007

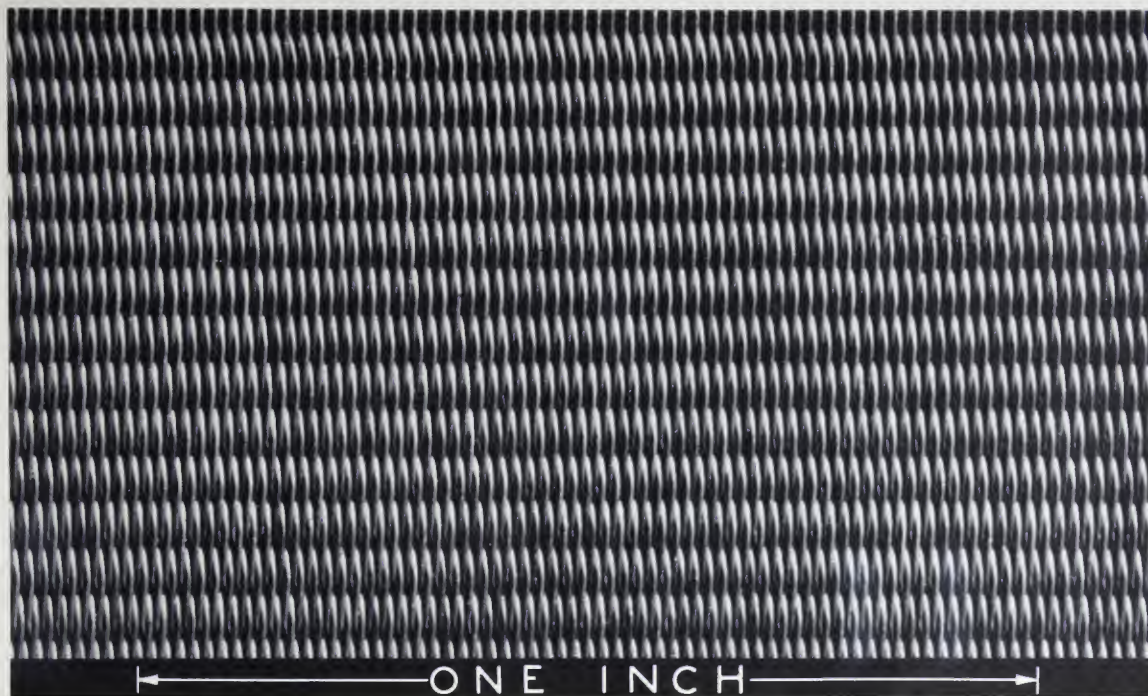


No. 50 Mesh .0061



No. 60 Mesh .0011

Made especially to meet the requirements of dairies and creameries. Stocked in 40, 50, and 60 mesh; wire diameter as indicated above. Stock rolls 12 inches wide and 5 feet long, packed 100 rolls to a case. Also stock rolls 100 lineal feet, 6 inches wide; other widths furnished on short notice. Prices and samples sent on application.



Twilled Filter Cloth—Photo-Enlargement of 20 x 250 Mesh—Monel Metal

Audubon Filter Wire Cloth

All Metals, Meshes and Weaves

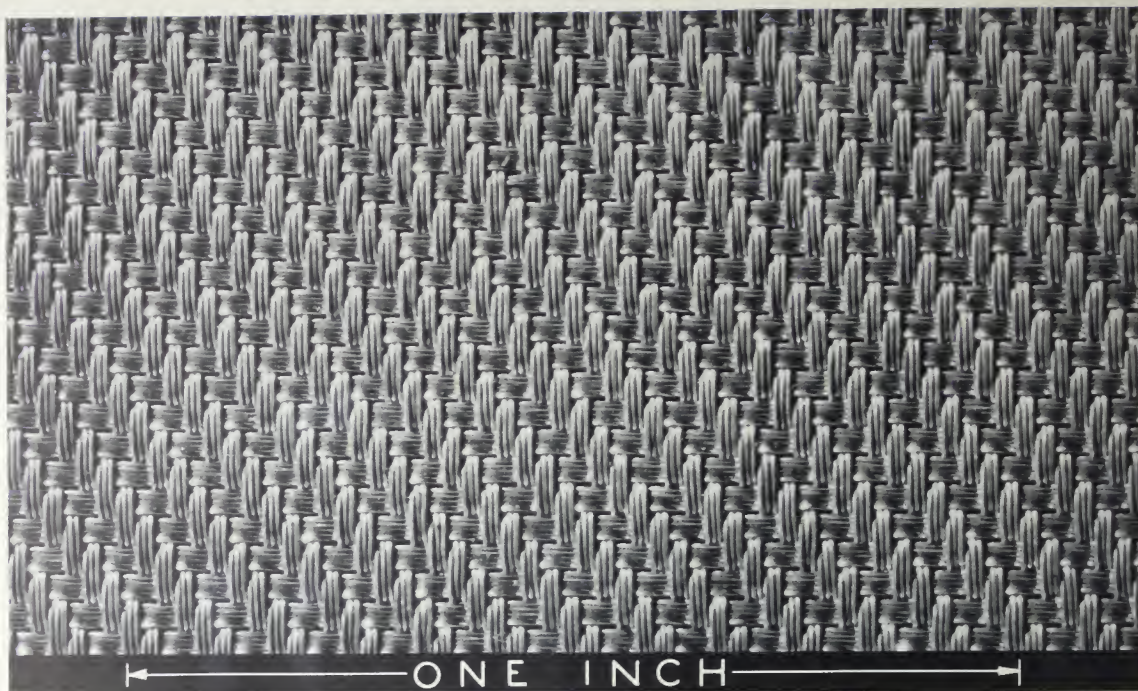
Audubon Filter Cloth is carefully and accurately made in plain or twill weave in all metals to meet the myriad exacting requirements of centrifugal straining and other forms of filtering and separating where the quick formation of the precipitate or filter cake and the rapid discharge of the filtrate or liquor is essential.

Audubon Filter Cloth is promptly woven to meet any specification or requirement within the practical range; twilled, plain Dutch (corduroy), twilled Dutch and Sweetland Type weaves in any mesh or metal.

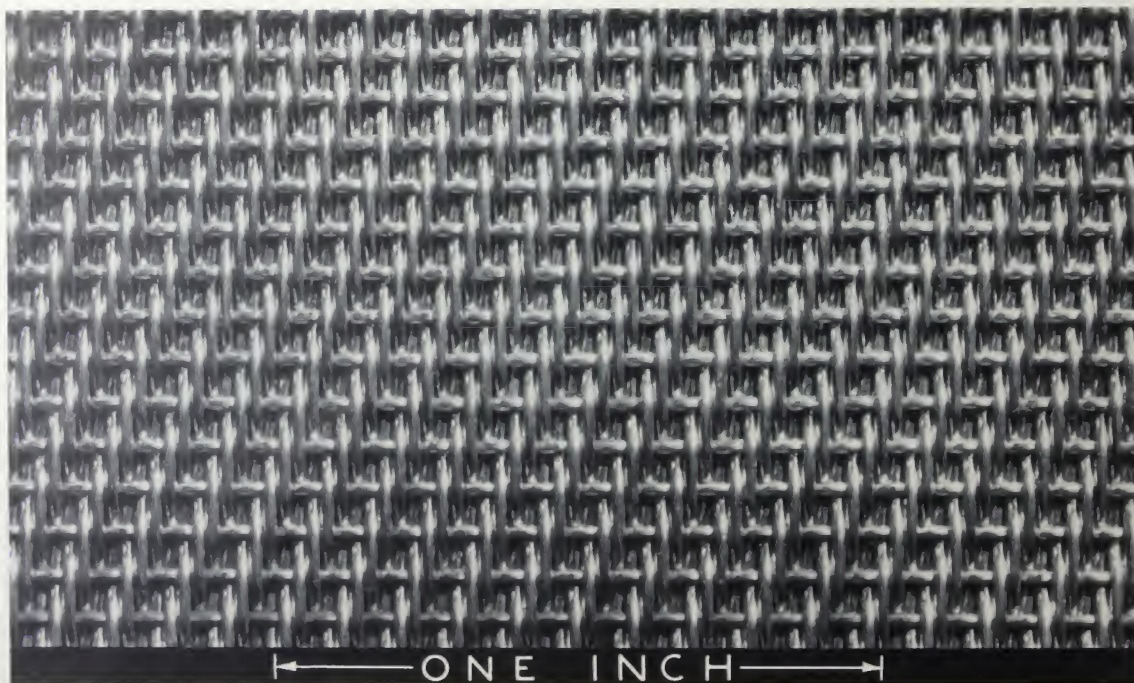
Specifications for filter cloth vary to meet the individual requirements of every industry and application, thus it would be impossible to include the full range of available specifications in this catalog. *Samples and quotations on Audubon Filter Wire Cloth to meet your requirements will be sent on request.*

Fabricated Filter Units

Audubon Filter Wire Cloth can be supplied in complete units, ready for installation; welded, brazed, banded, bound, gasketed, etc. to meet your specific requirements.

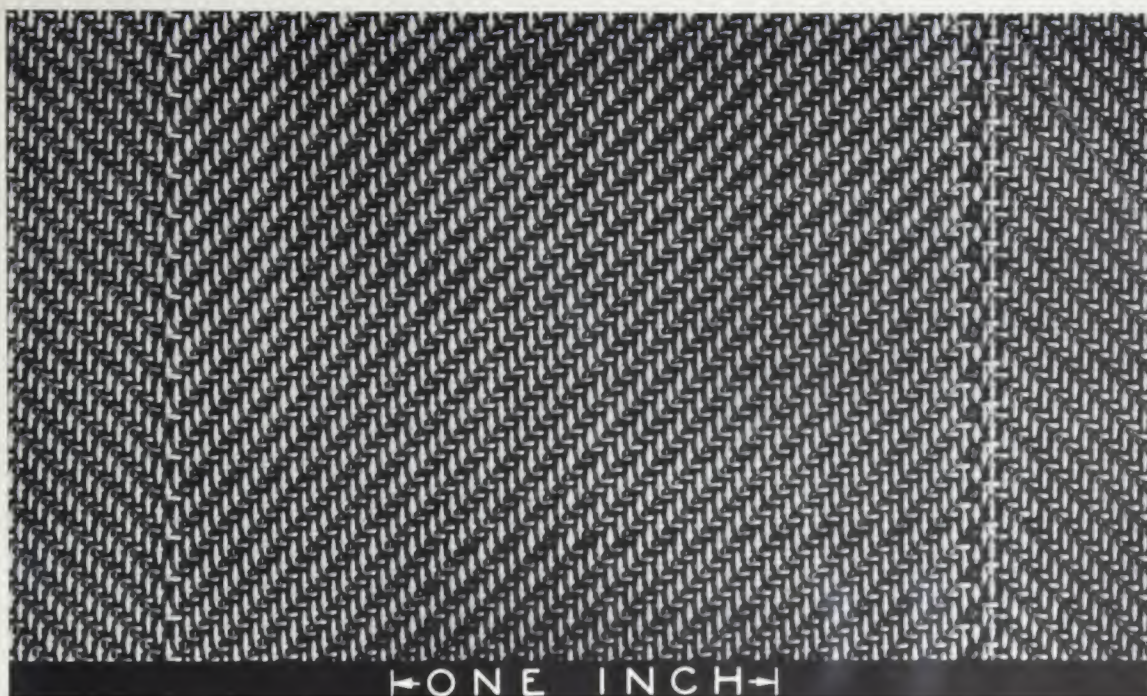


Stranded Filter Weave—Sweetland Type—Photo-Enlargement

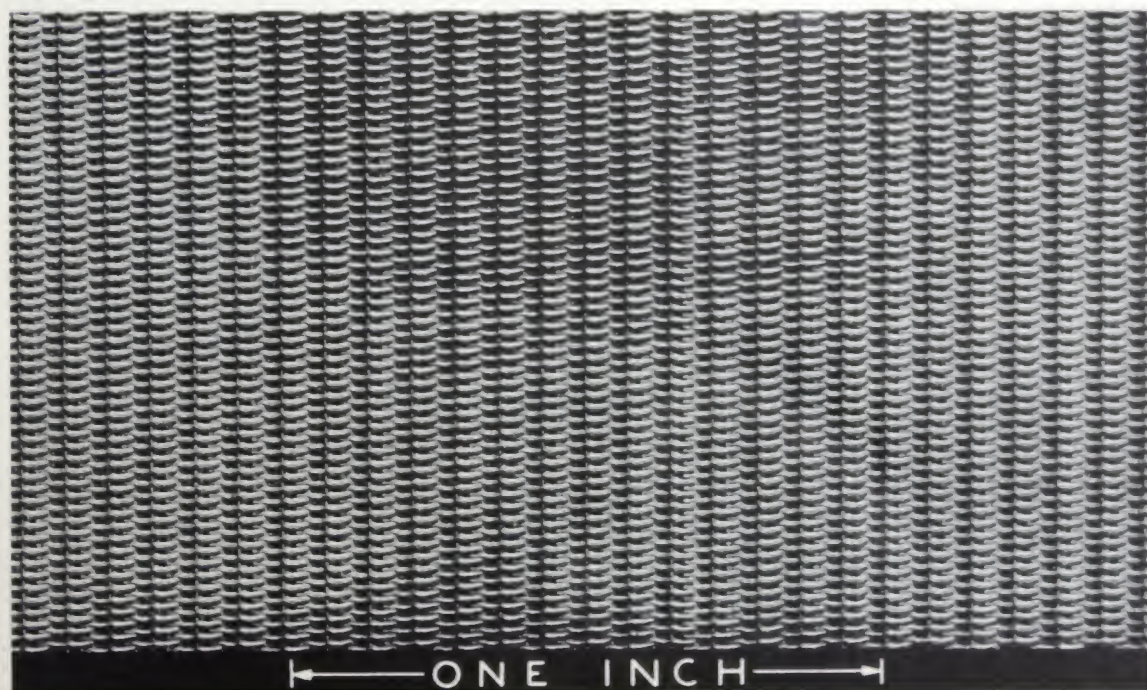


Twilled Filter Weave—Photo-Enlargement of 14 x 40 Mesh—Copper

MESH, SPACE & FLEXIBLE WIRE CLOTH

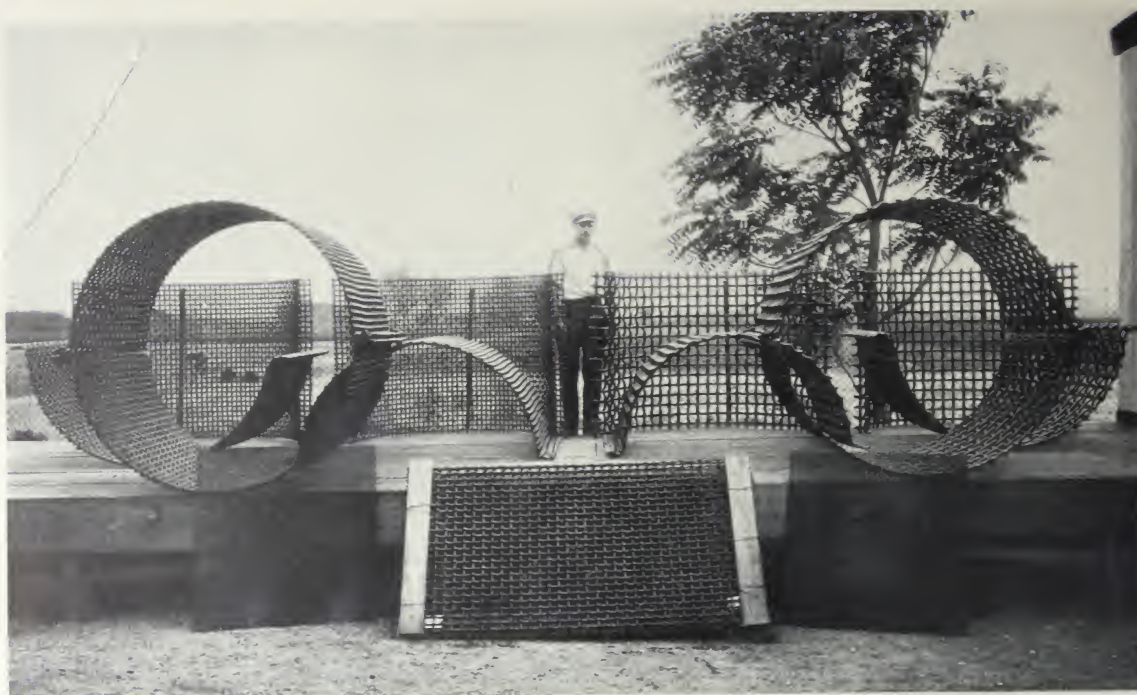


Twilled Filter Weave—Herringbone Pattern—Photo-Enlargement of 40 Mesh—Brass

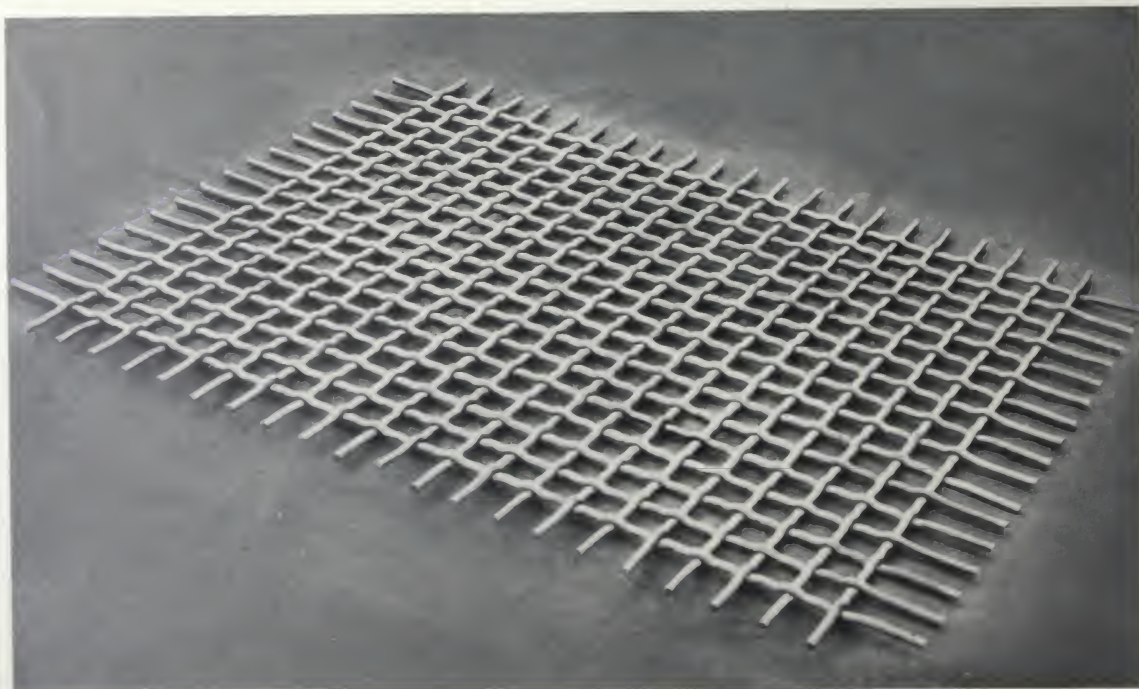


Plain Dutch Weave—Photo-Enlargement of 14 x 100 Mesh—Brass

MESH, SPACE & FLEXIBLE WIRE CLOTH

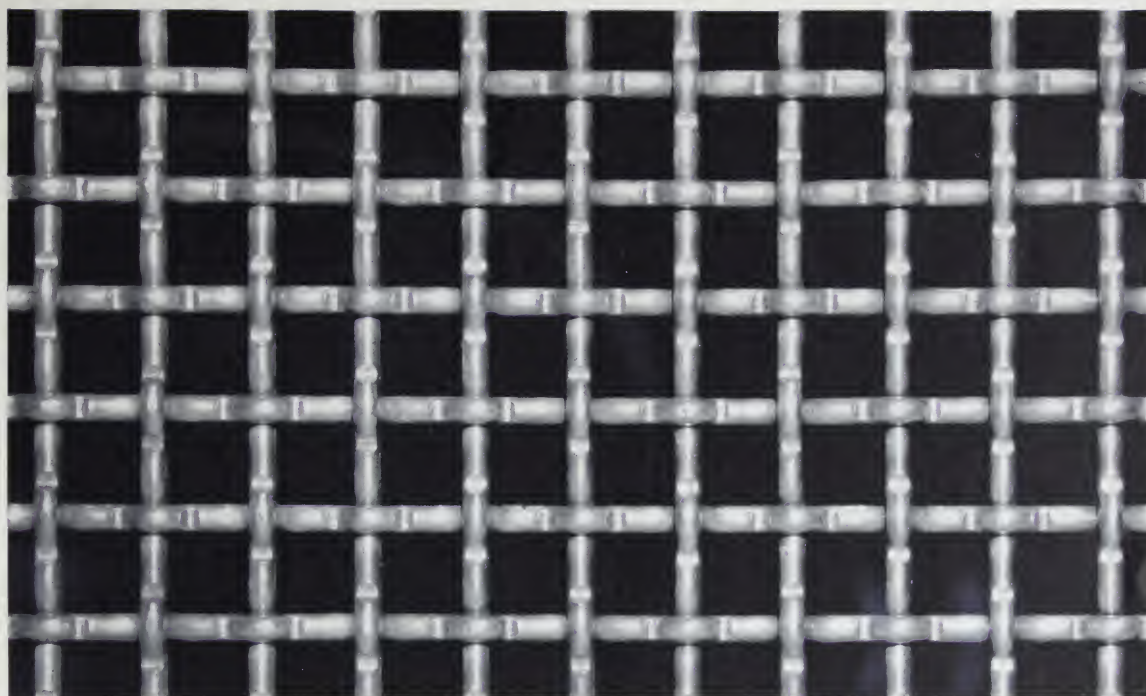


Flat and Cylindrical Screens



Vibraloy Steel Screen with Arc-Loc Crimp

MESH, SPACE & FLEXIBLE WIRE CLOTH



Vibraloy Steel Screen with Arc-Loc Crimp

Audubon Space Wire Cloth

Vibraloy and Plain Steel

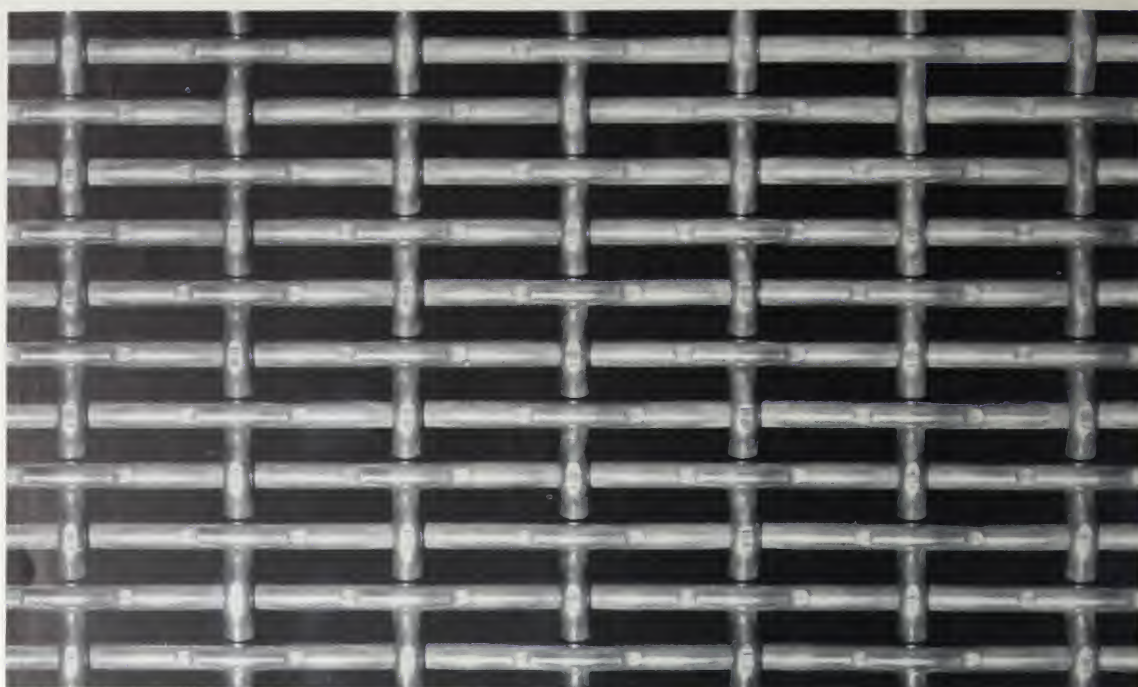
Audubon Space Wire Cloth for every screening application is made with Arc-Loc Crimp or standard Double Crimp as described on page 12, in any square or rectangular space opening up to 6 inch with $1\frac{1}{2}$ inch diameter rods, in any over-all size or special shape; also rolled, formed, knuckled, welded, flanged, banded, rodded, etc., to meet your requirements or the specifications of the manufacturer of the vibrator or other equipment on which the screen will be used. The most generally used space openings in various rod and wire sizes are carried in stock for immediate shipment; most other orders can be filled within 48 hours.

ARC-LOC CRIMP—The inherent strength of plain steel or Vibraloy Abrasion Resisting Steel is enhanced by this special weave, see illustration below, which utilizes the springiness of the metal to lock the rods together under pressure and thus produces a screen of maximum strength. The rods are so tightly interlocked that they cannot shift and further, the locking pressure is so tremendous that material cannot get between the rods at intersections to cause frictional wear. The initial accuracy of screening is thus maintained throughout the life of the screen.



Arc-Loc Crimp—Cross Section

MESH, SPACE & FLEXIBLE WIRE CLOTH



Rolled Rectangular Opening Screen—Arc-Loc Crimp

VIBRALOY ABRASION RESISTING STEEL — *Alloyed and designed specially for Vibrating Screens and the Aggregate Industries; unsurpassed for screening trap rock, coarse stone, sand, gravel, coke, ores, etc.*

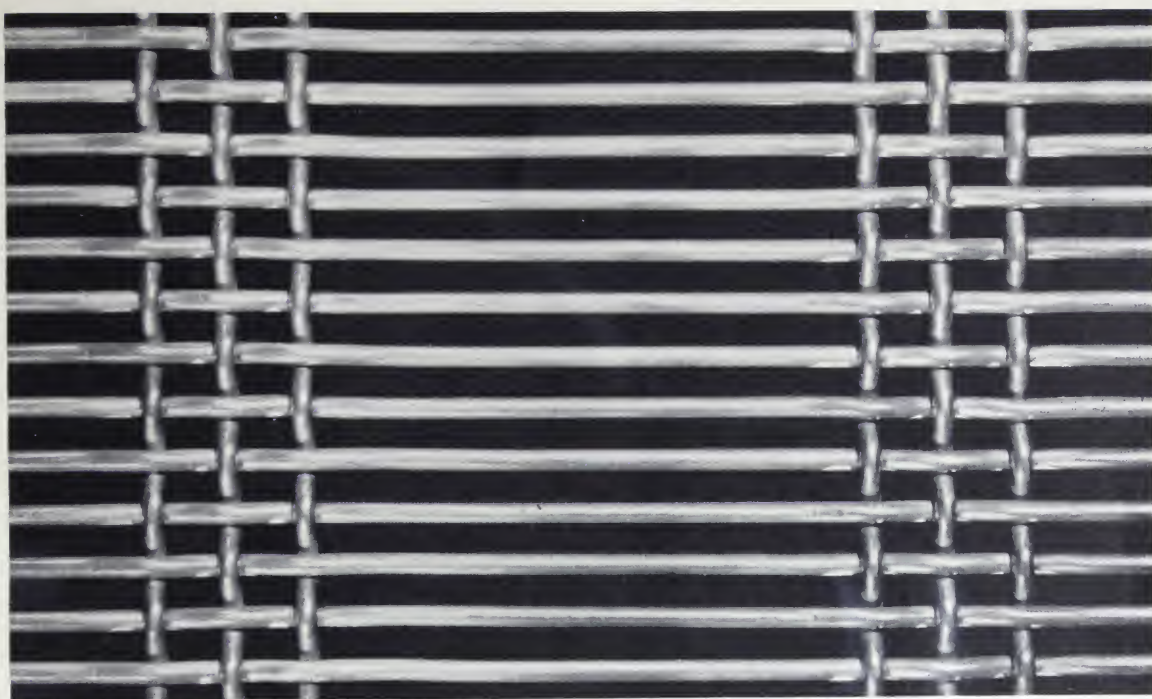
Frequent replacement of plain or commercial spring steel screens on vibrating equipment was long tolerated, because it was felt that nothing better could be obtained at a comparable price. Attempts to better adapt these screens to grueling vibrating service proved futile, for as one desirable characteristic was gained, another was always sacrificed; to meet every requirement of severe vibrating service demanded the perfection of an entirely different screen. With these limitations and handicaps we began the quest which resulted in Vibraloy. Applications in the most difficult screen destructing installations have proven that "Vibraloy is the perfect screen 'mate' for vibrators," for it embodies all of the following desirable characteristics.

HARD—Vibraloy is so hard that it is difficult to file, thus it successfully resists grinding, scouring abrasion, even under wet conditions, but it is not hard enough to be brittle.

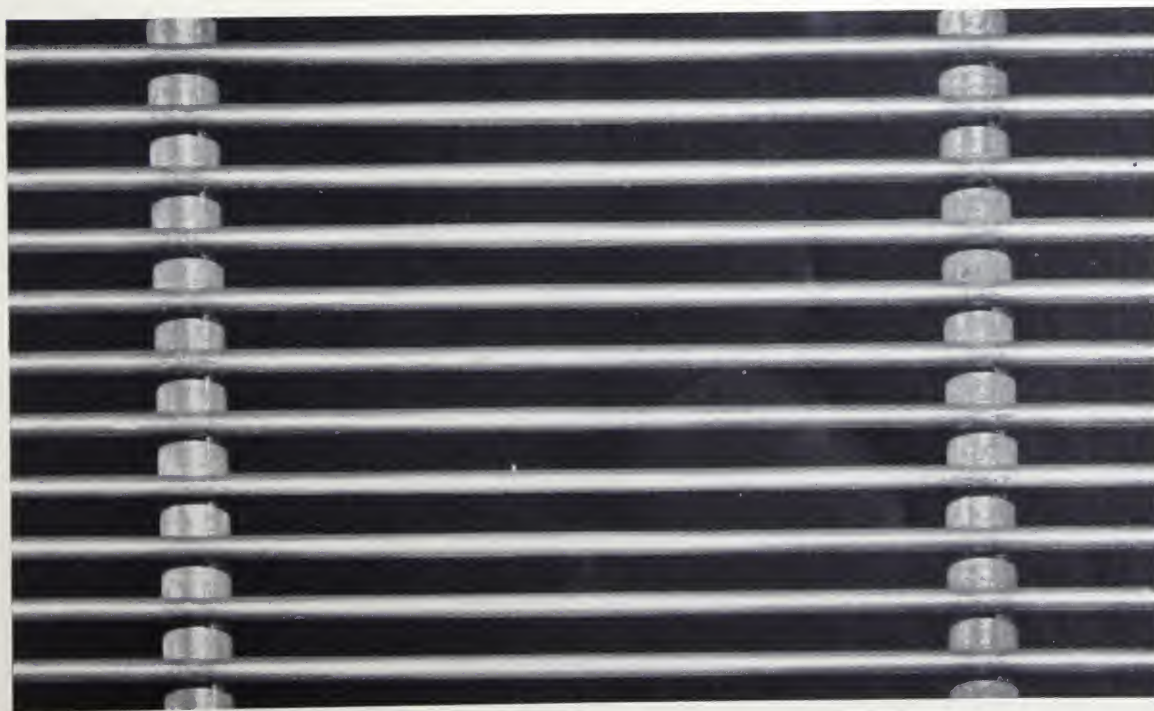
SPRINGY—Vibraloy is resilient, but rigid enough to prevent sagging.

TOUGH—Vibraloy is strong to withstand heavy, fast moving loads and impacts.

PLAIN STEEL—For every screening application where abrasion is not a problem or where the superior qualities of Vibraloy are unwarranted or cannot be justified, maximum installation economy can be obtained with plain steel. We use a standard commercial specification steel which has proven to give the best performance results in a wide range of applications under various conditions.



Triple-fill "Woven Slot" Screen—Double Crimp



"Welded Slot" Screen

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Space Wire Cloth

Vibraloy and Plain Steel

Size of Opening, Inches	Diameter of Wire, Inches	Weight per Sq. Ft.	Open Area	List Price per Sq. Ft.
6	1 1/8	12.80	70.7%	
6	1	10.30	73.5%	
6	7/8	8.00	76.0%	
6	3/4	6.10	79.0%	
6	5/8	4.25	81.9%	
6	1/2	2.75	84.5%	
5 1/2	1 1/8	13.75	68.8%	
5 1/2	1	11.10	71.0%	
5 1/2	7/8	8.85	74.2%	
5 1/2	3/4	6.50	77.3%	
5 1/2	5/8	4.60	80.6%	
5 1/2	1/2	3.05	84.0%	
5	1 1/8	14.50	66.6%	
5	1	12.00	69.4%	
5	7/8	9.50	72.4%	
5	3/4	7.05	75.6%	
5	5/8	5.00	79.0%	
5	1/2	3.25	82.0%	
4 1/2	1	13.00	66.9%	
4 1/2	7/8	10.25	70.0%	
4 1/2	3/4	7.75	73.5%	
4 1/2	5/8	5.50	77.1%	
4 1/2	1/2	3.65	81.0%	
4	X 1	14.50	64.0%	
4	7/8	11.50	67.7%	
4	H 3/4	8.50	70.9%	
4	M 5/8	6.10	74.8%	
4	9/16	5.05	77.0%	
4	1/2	4.05	79.0%	\$.60
4	7/16	2.95	81.3%	.55
4	3/8	2.35	83.6%	.50
3 3/4	1	14.44	62.3%	
3 3/4	7/8	11.66	65.8%	
3 3/4	X 3/4	8.47	69.4%	
3 3/4	H 11/16	7.20	71.4%	
3 3/4	5/8	6.07	73.5%	
3 3/4	9/16	4.98	75.7%	
3 3/4	M 1/2	3.96	77.9%	\$.65
3 3/4	7/16	3.09	80.2%	.60
3 3/4	5/16	2.29	82.6%	.50
3 3/4	3/16	1.61	85.2%	.36
3 1/2	1	16.00	60.5%	
3 1/2	7/8	13.50	63.1%	
3 1/2	X 3/4	9.50	67.8%	
3 1/2	H 11/16	8.05	69.9%	
3 1/2	5/8	6.85	72.0%	
3 1/2	9/16	5.56	74.3%	
3 1/2	M 1/2	4.55	76.6%	\$.70
3 1/2	7/16	3.27	79.0%	.60
3 1/2	5/16	2.65	81.6%	.55
3 1/2	3/16	1.85	84.3%	.38

Size of Opening, Inches	Diameter of Wire, Inches	Weight per Sq. Ft.	Open Area	List Price per Sq. Ft.
3 1/4	1	16.23	58.5%	
3 1/4	7/8	13.00	61.6%	
3 1/4	X 3/4	9.62	66.0%	
3 1/4	H 11/16	8.16	68.1%	
3 1/4	5/8	6.84	70.3%	
3 1/4	9/16	5.62	72.6%	
3 1/4	M 1/2	4.52	75.0%	\$.75
3 1/4	7/16	3.51	77.6%	.70
3 1/4	5/16	2.61	80.4%	.55
3 1/4	3/16	1.74	83.2%	.40
3	1	17.35	56.3%	
3	7/8	13.90	60.2%	
3	X 3/4	10.27	64.0%	
3	H 11/16	8.76	66.2%	
3	5/8	7.32	68.5%	
3	9/16	6.00	70.9%	
3	M 1/2	4.85	73.5%	\$.85
3	L 7/16	3.76	76.2%	.70
3	3/8	2.80	79.0%	.60
3	5/16	1.98	82.0%	.45
3	.283	1.84	83.4%	.42
3	.263	1.49	84.0%	.38
3	1/4	1.29	85.3%	.35
3	.244	1.26	85.5%	.35
2 3/4	1	18.49	53.7%	
2 3/4	7/8	14.80	57.5%	
2 3/4	3/4	12.03	61.7%	
2 3/4	H 11/16	9.40	64.0%	
2 3/4	X 5/8	7.89	66.4%	
2 3/4	9/16	6.51	68.9%	
2 3/4	H 1/2	5.19	71.6%	\$.90
2 3/4	M 7/16	4.05	74.4%	.80
2 3/4	L 3/8	3.06	77.4%	.65
2 3/4	5/16	2.14	80.6%	.50
2 3/4	.283	1.84	82.5%	.46
2 3/4	.263	1.61	83.2%	.42
2 3/4	1/4	1.40	84.0%	.38
2 3/4	.244	1.38	84.5%	.38
2 1/2	1	19.93	51.0%	
2 1/2	7/8	17.00	55.0%	
2 1/2	3/4	11.91	59.2%	
2 1/2	H 11/16	10.18	61.5%	
2 1/2	X 5/8	8.56	64.0%	
2 1/2	9/16	7.07	66.6%	
2 1/2	H 1/2	5.68	69.4%	\$1.00
2 1/2	M 7/16	4.42	72.4%	.85
2 1/2	L 3/8	3.30	75.6%	.75
2 1/2	5/16	2.33	79.0%	.55
2 1/2	.283	2.02	80.5%	.50
2 1/2	.263	1.85	82.0%	.45
2 1/2	1/4	1.53	82.6%	.40
2 1/2	.244	1.51	82.7%	.40
2 1/2	.225	1.16	84.1%	.38

Prices not listed furnished upon application. L=Light M=Medium H=Heavy X=Extra Heavy. (Dept. of Commerce, Bureau of Standards, Simplified Practice Recommendation R-147-33.)

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Space Wire Cloth

Vibraloy and Plain Steel

Size of Opening, Inches	Diameter of Wire, Inches	Weight per Sq. Ft.	Open Area	List Price per Sq. Ft.	Size of Opening, Inches	Diameter of Wire, Inches	Weight per Sq. Ft.	Open Area	List Price per Sq. Ft.
2 1/4	1	21.67	47.9%		1 3/4	1	26.02	40.5%	
2 1/4	7/8	17.21	51.6%		1 3/4	7/8	18.65	44.2%	
2 1/4	3/4	12.97	56.2%		1 3/4	3/4	15.81	49.0%	
2 1/4	11/16	11.10	58.7%		1 3/4	11/16	13.53	51.6%	
2 1/4	X 5/8	9.35	61.2%		1 3/4	5/8	11.62	54.3%	
2 1/4	9/16	7.68	64.0%		1 3/4	9/16	9.45	57.3%	
2 1/4	H 7/16	6.23	66.9%	\$1 10	1 3/4	X 1/2	7.66	60.5%	\$1 25
2 1/4	M 7/16	4.76	70.1%	95	1 3/4	H 7/16	6.01	64.0%	1 05
2 1/4	L 3/8	3.63	73.4%	80	1 3/4	M 3/8	4.50	67.8%	95
2 1/4		2.59	77.1%	65	1 3/4	L 5/16	3.21	71.9%	75
2 1/4	.283	2.23	79.0%	60	1 3/4	.283	2.78	74.4%	70
2 1/4	.263	1.93	79.9%	55	1 3/4	.263	2.40	75.7%	65
2 1/4	1/4	1.68	81.0%	50	1 3/4	1/4	2.11	76.6%	60
2 1/4	.244	1.66	81.3%	45	1 3/4	.244	2.10	77.4%	60
2 1/4	.225	1.36	82.6%	40	1 3/4	.225	1.71	78.5%	48
2 1/4	.207	1.17	83.8%	38	1 3/4	.207	1.48	80.0%	42
					1 3/4	.192	1.30	81.2%	38
2	1	23.69	44.4%		1 5/8	1	27.59	38.1%	
2	7/8		46.2%		1 5/8	7/8	21.67	42.2%	
2	3/4	14.24	52.9%		1 5/8	3/4	16.72	47.7%	
2	11/16	12.21	55.4%		1 5/8	11/16	14.35	49.4%	
2	5/8	10.31	58.0%		1 5/8	5/8	12.50	52.2%	
2	9/16	8.50	60.9%		1 5/8	9/16	10.23	55.0%	
2	X 7/16	6.86	64.0%	\$1 15	1 5/8	1/4	8.50	58.5%	
2	H 7/16	5.35	67.3%	1 00	1 5/8	7/16	6.95	62.1%	
2	M 3/8	4.02	70.9%	90	1 5/8	3/8	5.15	66.0%	
2	L 5/16	2.83	74.8%	70	1 5/8	5/16	3.65	70.3%	
2	.283	2.46	76.7%	65	1 5/8	.283	2.95	72.7%	
2	.263	2.13	79.0%	60	1 5/8	.263	2.57	74.5%	
2	1/4	1.86	79.4%	55	1 5/8	1/4	2.45	74.9%	
2	.244	1.85	79.5%	55	1 5/8	.244	2.31	75.7%	
2	.225	1.50	80.8%	45	1 5/8	.225	2.00	77.0%	
2	.207	1.31	82.1%	40	1 5/8	.207	1.70	78.9%	
2	.192	1.14	83.2%	38	1 5/8	.192	1.50	79.7%	
1 7/8	1	24.53	37.1%		1 1/2	1	28.92	36.0%	
1 7/8	7/8	19.58	42.0%		1 1/2	7/8	22.66	39.9%	
1 7/8	3/4	15.06	45.8%		1 1/2	3/4	17.67	44.5%	
1 7/8	11/16	13.03	48.2%		1 1/2	11/16	15.20	46.7%	
1 7/8	5/8	11.25	56.5%		1 1/2	5/8	12.87	49.8%	
1 7/8	9/16	9.15	60.5%		1 1/2	9/16	10.67	52.9%	
1 7/8	1/2	7.60	62.4%		1 1/2	1/2	8.66	56.3%	\$1 40
1 7/8	X 7/16	5.31	65.7%		1 1/2	X 7/16	6.79	59.9%	1 15
1 7/8	H 3/8	4.56	69.4%		1 1/2	H 3/8	5.13	64.0%	1 00
1 7/8	M 5/16	3.25	73.0%		1 1/2	M 5/16	3.67	68.5%	80
1 7/8	.283	2.67	75.9%		1 1/2	.283	3.16	71.4%	75
1 7/8	.263	2.27	77.2%		1 1/2	.263	2.75	72.5%	70
1 7/8	1/4	2.15	77.5%		1 1/2	L 1/4	2.42	73.4%	65
1 7/8	.244	1.98	78.3%		1 1/2	.244	2.39	74.6%	65
1 7/8	.225	1.75	79.7%		1 1/2	.225	1.97	75.6%	50
1 7/8	.207	1.50	80.5%		1 1/2	.207	1.71	77.2%	45
1 7/8	.192	1.30	81.7%		1 1/2	.192	1.49	78.6%	40
					1 1/2	.177	1.24	80.0%	35

Prices not listed furnished upon application. L=Light M=Medium H=Heavy X=Extra Heavy. (Dept. of Commerce, Bureau of Standards, Simplified Practice Recommendation R-147-33.)

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Space Wire Cloth

Vibraloy and Plain Steel

Size of Opening, Inches	Diameter of Wire, Inches	Weight per Sq. Ft.	Open Area	List Price per Sq. Ft.
1 3/8	3/4	18.59	41.7%	
1 3/8	11/16	16.11	44.5%	
1 3/8	5/8	13.64	47.3%	
1 3/8	9/16	11.49	50.4%	
1 3/8	1/2	8.55	53.0%	
1 3/8	X 7/16	6.77	57.0%	\$1.25
1 3/8	H 3/8	5.15	61.0%	1.08
1 3/8	M 5/16	3.71	66.0%	.85
1 3/8	.283	3.37	67.0%	
1 3/8	.263	2.95	67.9%	
1 3/8	L 1/4	2.47	71.5%	.68
1 3/8	.244	2.45	72.2%	
1 3/8	.225	2.01	73.9%	
1 3/8	.207	1.90	75.5%	
1 3/8	.192	1.49	77.0%	
1 3/8	.177	1.24	78.3%	
1 1/4	3/4	20.22	39.1%	
1 1/4	11/16	17.29	41.6%	
1 1/4	5/8	14.75	44.4%	
1 1/4	9/16	12.24	47.5%	
1 1/4	1/2	9.98	51.0%	\$1.50
1 1/4	X 7/16	7.90	54.8%	1.35
1 1/4	H 3/8	5.96	59.2%	1.15
1 1/4	M 5/16	4.28	64.0%	.90
1 1/4	.283	3.67	66.2%	.80
1 1/4	.263	3.20	68.0%	.75
1 1/4	L 1/4	2.83	69.4%	.70
1 1/4	.244	2.74	69.8%	.70
1 1/4	.225	2.31	71.8%	.55
1 1/4	.207	2.00	73.6%	.48
1 1/4	.192	1.75	75.1%	.42
1 1/4	.177	1.47	76.7%	.38
1 1/8	3/4	21.34	36.0%	
1 1/8	11/16	18.38	38.4%	
1 1/8	5/8	15.73	41.3%	
1 1/8	9/16	13.09	44.5%	
1 1/8	1/2	9.86	47.8%	
1 1/8	X 7/16	8.20	52.0%	
1 1/8	H 3/8	6.30	57.0%	\$1.20
1 1/8	M 5/16	4.49	62.0%	.95
1 1/8	.283	3.99	63.8%	
1 1/8	.263	3.49	65.7%	
1 1/8	M 1/4	2.93	68.0%	.73
1 1/8	.244	2.87	68.5%	
1 1/8	L 1/4	2.52	69.0%	.58
1 1/8	.207	2.21	71.1%	
1 1/8	.192	1.94	73.0%	
1 1/8	.177	1.54	74.5%	
1	3/4	23.40	32.6%	
1	11/16	20.39	35.1%	
1	5/8	17.36	37.9%	
1	9/16	14.53	41.0%	
1	1/2	11.88	44.4%	\$1.55
1	X 7/16	9.44	48.4%	1.40
1	H 3/8	7.11	52.9%	1.25
1	M 5/16	5.15	58.0%	1.00
1	.283	4.37	60.4%	.90

Size of Opening, Inches	Diameter of Wire, Inches	Weight per Sq. Ft.	Open Area	List Price per Sq. Ft.
1	.263	3.83	62.5%	\$.80
1	M 1/4	3.41	64.0%	.75
1	.244	3.35	64.5%	.75
1	L 1/4	2.79	66.6%	.60
1	.207	2.42	68.6%	.55
1	.192	2.13	70.4%	.50
1	.177	1.77	72.2%	.42
1	.162	1.50	74.0%	.38
1 5/16	3/4	24.37	30.9%	
1 5/16	11/16	20.51	33.2%	
1 5/16	5/8	17.60	36.0%	
1 5/16	9/16	14.85	39.0%	
1 5/16	1/2	11.15	42.5%	
1 5/16	7/16	8.91	46.5%	
1 5/16	3/8	6.87	51.0%	
1 5/16	5/16	5.01	56.2%	
1 5/16	.283	4.62	58.9%	
1 5/16	.263	4.03	61.0%	
1 5/16	1/4	3.54	62.3%	
1 5/16	.244	3.50	63.2%	
1 5/16	.225	2.76	65.0%	
1 5/16	.207	2.38	67.1%	
1 5/16	.192	2.08	68.6%	
1 5/16	.177	1.79	70.1%	
1 5/16	.162	1.52	72.6%	
7/8	5/8	18.97	34.0%	
7/8	9/16	15.75	37.0%	
7/8	1/2	13.02	40.5%	\$1.75
7/8	7/8	10.04	44.4%	1.50
7/8	3/8	7.91	49.0%	1.35
7/8	X 5/16	5.76	54.3%	1.20
7/8	.283	4.87	57.1%	1.00
7/8	.263	4.26	59.0%	.90
7/8	H 1/4	3.86	60.5%	.80
7/8	.244	3.75	61.2%	.80
7/8	M 1/4	3.12	63.3%	.70
7/8	L 1/4	2.70	65.3%	.60
7/8	.192	2.39	67.2%	.52
7/8	.177	2.00	69.2%	.45
7/8	.162	1.69	71.2%	.40
7/8	.148	1.41	73.5%	.35
3/4	5/8	20.53	29.7%	
3/4	9/16	17.49	32.6%	
3/4	1/2	14.53	36.0%	\$2.00
3/4	7/16	11.46	39.9%	1.65
3/4	3/8	8.87	44.4%	1.50
3/4	X 5/16	7.02	49.8%	1.40
3/4	.283	5.54	53.3%	1.20
3/4	.263	4.78	54.7%	1.00
3/4	H 1/4	4.62	56.3%	.90
3/4	.244	4.45	57.0%	.90
3/4	.225	3.47	59.2%	.75
3/4	M 1/4	3.08	61.4%	.65
3/4	L 1/4	2.71	63.4%	.55
3/4	.177	2.27	65.5%	.50
3/4	.162	1.92	67.6%	.45
3/4	.148	1.63	69.8%	.38

Prices not listed furnished upon application. L=Light M=Medium H=Heavy X=Extra Heavy. (Dept. of Commerce, Bureau of Standards, Simplified Practice Recommendation R-147-33.)

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Space Wire Cloth

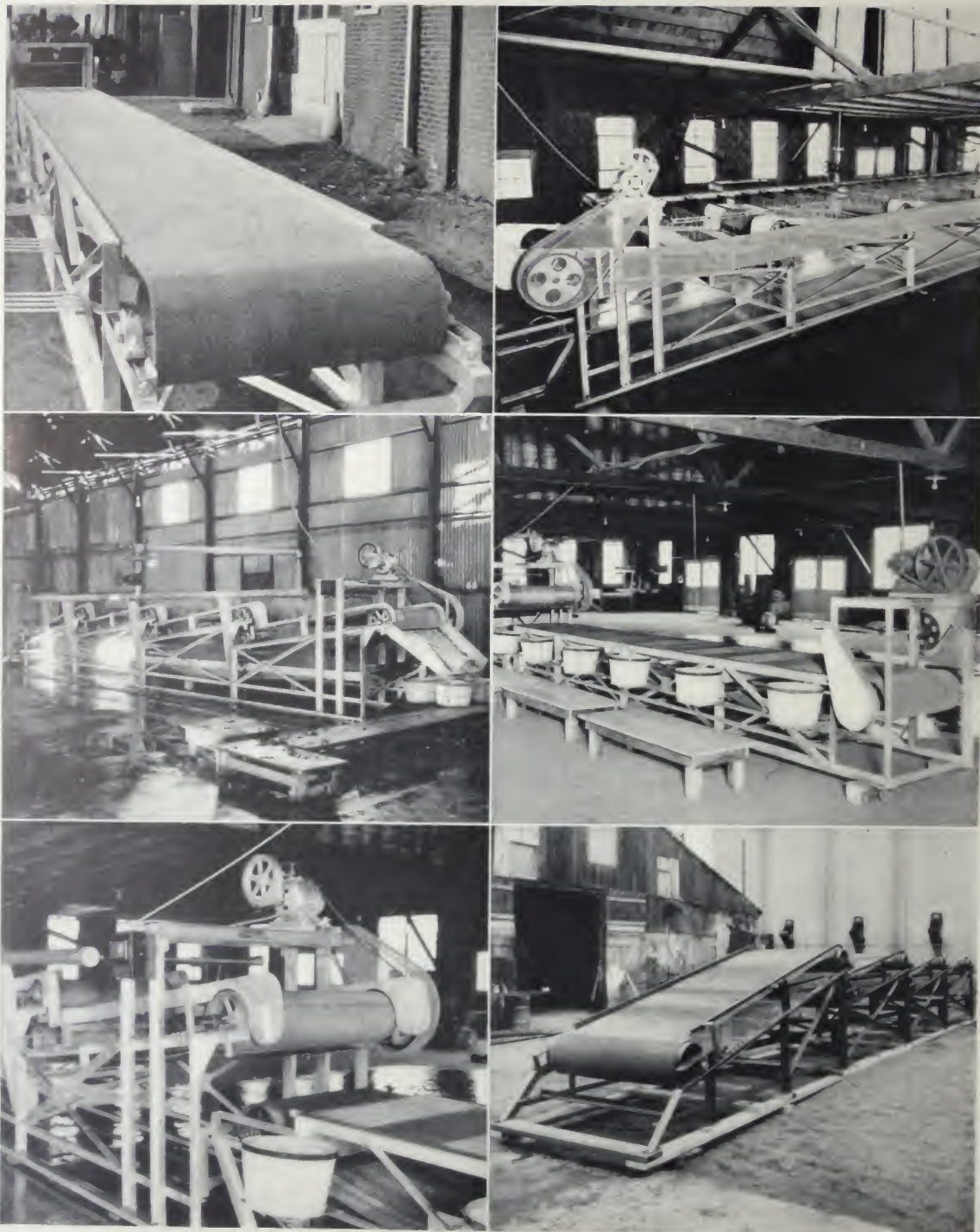
Vibraloy and Plain Steel

Size of Opening, Inches	Diameter of Wire, Inches	Weight per Sq. Ft.	Open Area	List Price per Sq. Ft.	Size of Opening, Inches	Diameter of Wire, Inches	Weight per Sq. Ft.	Open Area	List Price per Sq. Ft.
5/8	9/16	17.91	27.7%		3/8	5/16	10.42	29.7%	\$2.15
5/8	1/2	16.41	30.9%	\$2.50	3/8	3/8	9.90	30.2%	2.15
5/8	7/16	13.27	34.6%	2.00	3/8	283	8.69	32.5%	1.75
5/8	3/8	10.11	39.1%	1.65	3/8	9/32	8.67	32.7%	1.75
5/8	5/16	7.21	44.4%	1.50	3/8	11/64	7.83	34.3%	1.60
5/8	.283	6.20	47.4%	1.40	3/8	263	7.59	34.5%	1.60
5/8	.263	5.45	49.6%	1.20	3/8	1/4	7.27	36.0%	1.50
5/8	X 1/4	5.02	51.0%	1.10	3/8	244	6.75	36.7%	1.50
5/8	.244	4.80	53.0%	1.00	3/8	225	6.01	39.0%	1.10
5/8	H 225	4.12	54.0%	.90	3/8	207	5.27	41.5%	.90
5/8	.207	3.58	56.4%	.75	3/8	.192	4.73	43.8%	.80
5/8	M 192	3.18	58.5%	.60	3/8	X 177	3.96	46.1%	.75
5/8	L 177	2.91	60.7%	.55	3/8	H 162	3.40	48.7%	.60
5/8	.162	2.25	63.1%	.50	3/8	M 148	2.89	51.4%	.55
5/8	.148	1.92	65.4%	.40	3/8	L 135	2.36	54.1%	.45
5/8	.135	1.59	67.6%	.35	3/8	.120	2.01	57.4%	.40
5/8	.120	1.30	70.3%	.30	3/8	.105	1.33	61.0%	.35
5/8	.105	1.01	73.4%	.25	5/16	.225	6.87	33.8%	1.50
1/2	7/16	14.08	28.4%	2.50	5/16	.207	6.09	36.2%	1.10
1/2	5/8	11.87	32.7%	2.00	5/16	.192	5.33	38.4%	.90
1/2	3/8	8.66	37.9%	1.60	5/16	.177	4.63	40.8%	.80
1/2	.283	7.92	40.8%	1.50	5/16	X 162	3.87	43.4%	.65
1/2	.263	6.33	42.8%	1.40	5/16	H 148	3.28	46.0%	.60
1/2	1/4	5.90	44.4%	1.20	5/16	M 135	2.76	48.8%	.50
1/2	.244	5.64	45.2%	1.20	5/16	L 120	2.19	52.2%	.45
1/2	.225	4.77	47.5%	.95	5/16	.105	1.82	56.0%	.38
1/2	X 207	4.29	49.8%	.80	5/16	.092	1.42	59.6%	.35
1/2	H 192	3.76	52.2%	.68	1/4	1/4	8.96	25.0%	2.25
1/2	M 177	3.21	54.5%	.60	1/4	.225	7.88	27.7%	1.85
1/2	L 162	2.68	57.1%	.55	1/4	.207	7.01	29.9%	1.65
1/2	.148	2.32	59.5%	.45	1/4	.192	6.21	32.0%	1.10
1/2	.135	1.79	62.0%	.40	1/4	.177	5.29	34.3%	.90
1/2	.120	1.55	65.0%	.35	1/4	.162	4.50	36.8%	.75
1/2	.105	1.22	68.3%	.30	1/4	X 148	3.98	39.4%	.65
7/16	5/16	9.48	34.0%	1.75	1/4	H 135	3.28	42.2%	.55
7/16	3/8	7.86	37.0%	1.65	1/4	M 120	2.72	45.6%	.50
7/16	.283	7.81	37.0%	1.60	1/4	L 105	2.16	49.6%	.45
7/16	1/4	7.07	38.7%	1.50	1/4	.092	1.66	53.4%	.38
7/16	.263	6.89	39.1%	1.50	1/4	.080	1.25	57.6%	.35
7/16	1/4	6.23	40.5%	1.30	3/16	.192	7.60	24.4%	1.70
7/16	.244	6.13	41.2%	1.30	3/16	.177	6.42	26.5%	1.10
7/16	.225	5.37	43.6%	1.00	3/16	.162	5.69	28.8%	.90
7/16	.207	4.73	46.0%	.85	3/16	.148	4.69	31.3%	.75
7/16	X 192	4.23	48.3%	.75	3/16	X 135	3.99	33.8%	.65
7/16	H 177	3.53	50.7%	.65	3/16	H 120	3.41	37.2%	.55
7/16	M 162	3.00	53.2%	.58	3/16	.105	2.65	41.1%	.50
7/16	L 148	2.57	55.8%	.50	3/16	M 092	2.04	45.1%	.45
7/16	.135	2.08	58.4%	.42	3/16	L 080	1.67	48.0%	.40
7/16	.120	1.76	61.5%	.38	1/8	X 105	3.20	29.0%	.68
7/16	.105	1.37	65.0%	.32	1/8	H 092	2.63	34.2%	.60
					1/8	.080	2.24	36.0%	.55
					1/8	M 072	1.68	41.0%	.50
					1/8	.063	1.46	44.3%	.42
					1/8	L 054	1.15	48.5%	.35

Prices not listed furnished upon application. L=Light M=Medium H=Heavy X=Extra Heavy. (Dept. of Commerce, Bureau of Standards, Simplified Practice Recommendation R-147-33.)

MESH, SPACE & FLEXIBLE WIRE CLOTH

AUDUBON WIRE CLOTH CORPORATION - PHILADELPHIA



Typical Applications of Metalweave Conveyor Belting
for Washing, Sorting and Grading

MESH, SPACE & FLEXIBLE WIRE CLOTH

Audubon Flexible Wire Cloth

Metalwove Conveyor Belting and Aprons

APPLICATIONS—Audubon Flexible Wire Cloth is carefully manufactured by a unique process in which accurately formed helical or spiral wires produce a continuous metallic fabric having the flexibility of leather, canvas or rubber. It is ideal for conveyor belts or aprons where other materials are unadapted or impractical because of the process requirements or destructive elements encountered, such as in the following:

Acid and Alkali Baths	Grading and Sorting
Heat-Treating and Nitriding	Vegetable Washing and Canning
Glass Annealing Lehrs	Board Forming and Paper Mfg.
Blanching and Steam Cookers	Pigment Dehydrating
Drying and Washing Equipment	Magnetic Separating
Mixing, Sieving and Straining	High Temperature Processing
Baking Equipment	Printing

DURABILITY—Operation and efficiency of Audubon Flexible "Metalwove" Conveyor and Processing Belts is not impaired by heat, steam, moisture, water, acids, chemicals or juices, for they can be made resistant to these elements by the use of any ductile metal, i.e.:

Steel	True Manganese Steel	Copper
Alloy Steel	Brass	Monel
Galvanized Steel	Phosphor Bronze	Nickel
Tinned Steel	Aluminum	Bronze Alloys
Stainless Steel	Nickel-Chrome Heat-Resistant Alloys for	
	Temperatures up to 2000°F.	

The wire used in Audubon Flexible "Metalwove" Belts is specially processed to develop the full physical properties for each individual specification, thus insuring maximum life and minimum maintenance cost.

CHARACTERISTICS—The design and construction of the various types of Audubon Flexible "Metalwove" Belts eliminate the possibility of wire fatigue caused by flexing of individual wires, which would rapidly produce wire ruptures and the need for frequent replacement. In addition, they are quick draining, easily cleaned, have a low thermal consumption, permit air or gas circulation, and are of endless construction.

ENGINEERED—Each and every Audubon Flexible "Metalwove" Conveyor or Processing Belt is a complete unit, properly designed and engineered to perform the specific task to which it is assigned.

TYPES—The wide and diversified applications of Audubon "Metalwove" Belts necessitate the construction of various types to adequately meet every requirement. The types described and pictured on the following pages are general types. Modifications and combinations of these general types offer a wide range of possibilities, with which to meet any individual problem.

Typical Metalwove Conveyors

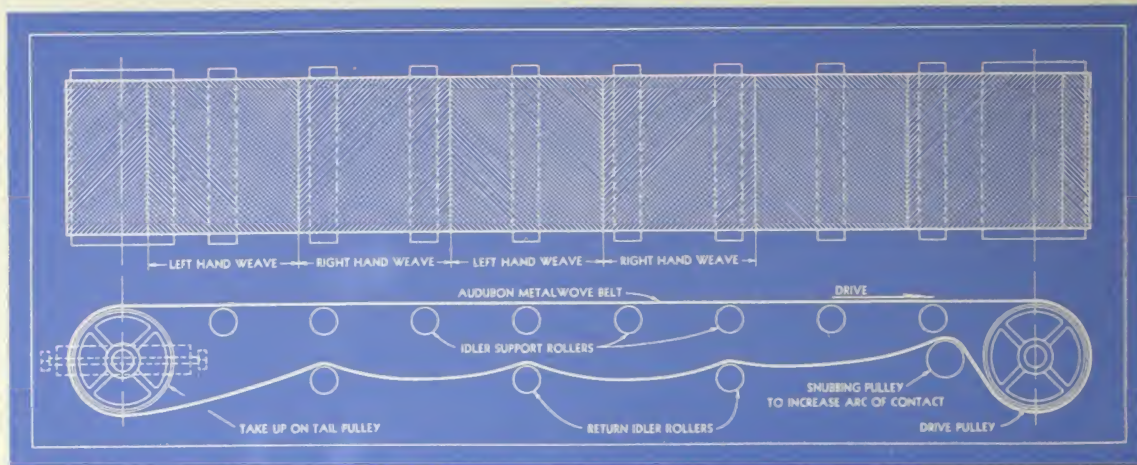


Fig. 1.—Typical Conveyor Layout

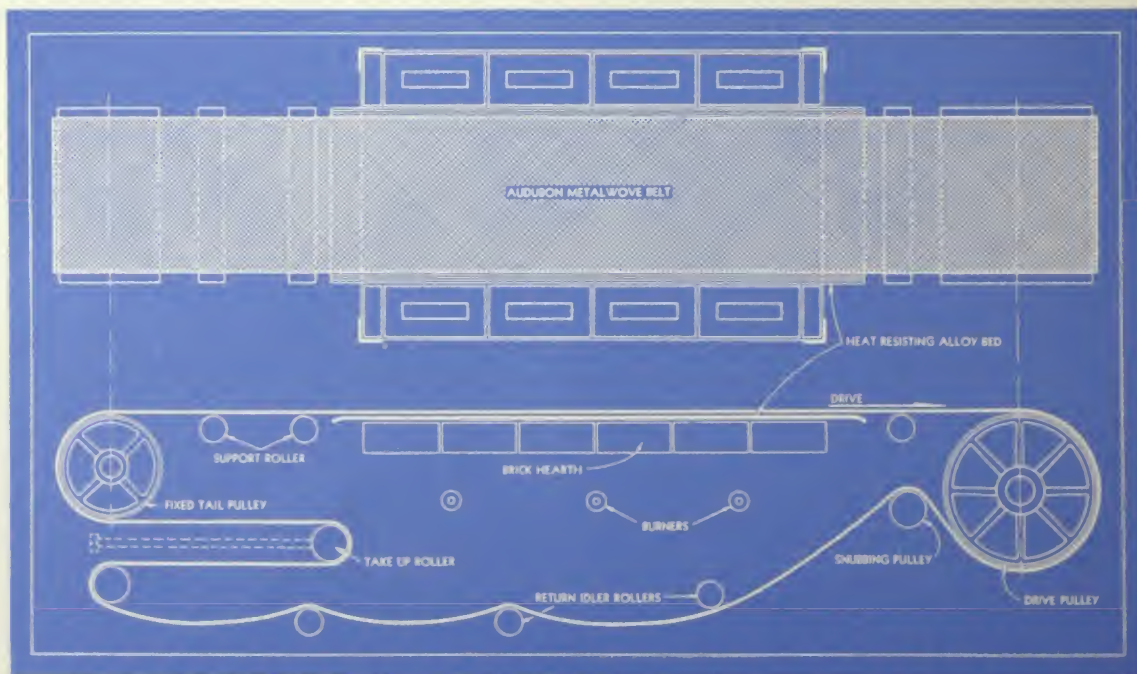


Fig. 2.—Typical Processing Layout

Engineering Service

The selection of the correct type of Audubon Flexible "Metalwove" Conveyor or Processing Belt, to assure the best results, demands a careful consideration of many factors and experienced judgment based on successful installations, therefore except in the case of a repeat order, it is decidedly to your advantage to get our recommendations. Following is an outline of the general data which is of considerable aid to our engineers in making recommendations; blueprint or detailed sketch of the proposed layout will further aid our analysis of your problem.

CHARACTERISTICS OF MATERIAL

- Kind of Material
- Size (Maximum-Minimum-Average)
- Weight of Material per square foot of belt
- Condition of Material (Wet-Dry-Temperature)
- Chemical Action (Acid-Alkali-Neutral)

INSTALLATION SPECIFICATIONS

- Length of Conveyor (Center to center of end pulleys)
- Width of Belt
- Diameter head and tail pulleys
- Drive (Traction or Side Chains)
- Type of Belt Support (Roller or Skid)
- Speed of Belt Travel or Production desired
- Medium in which belt operates and temperatures

Instructions for Ordering

LENGTH—Distance center to center of drive and driven pulleys, also diameter of pulleys.

WIDTH—Specify any width desired and if belt runs between guides, give spacing of guides and allowable tolerance in belt width.

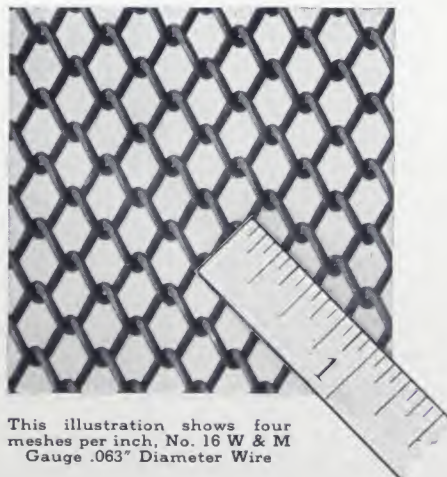
METAL—Specify the metal best suited to your conditions (see list on page 43).

TYPE OF FABRIC—See pages 46 to 54; specify type by letters. Also indicate selvage and type of connector desired.

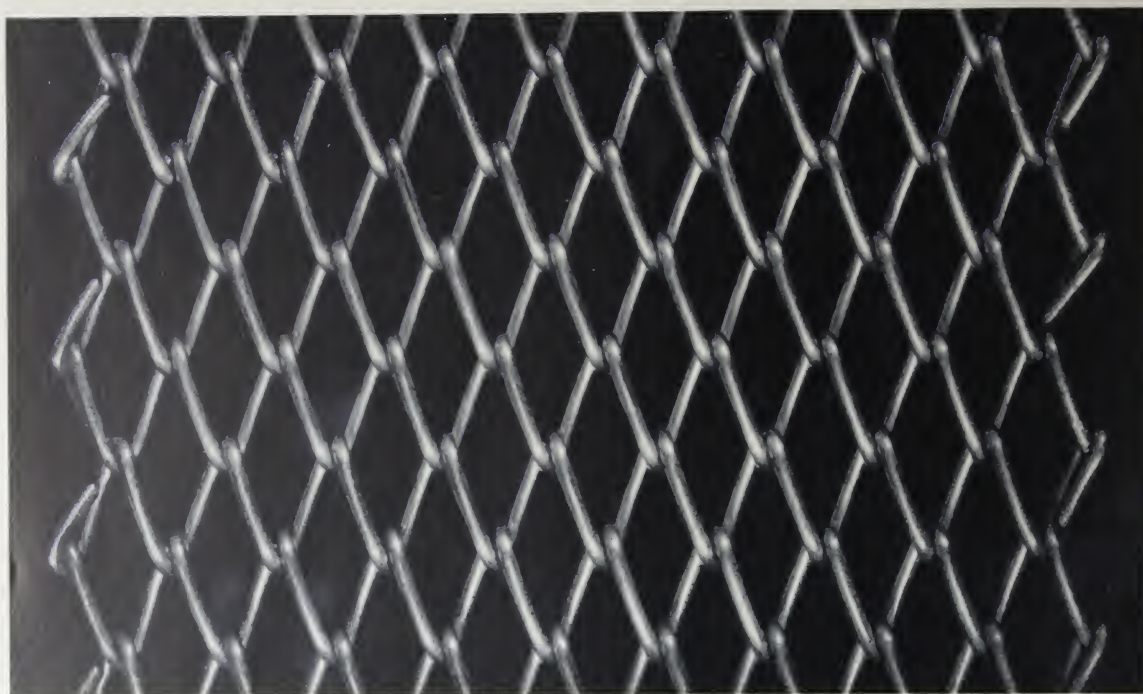
MESH—The number of openings per lineal inch measured from center to center of parallel wires *as shown by the illustration.*

SECTION LENGTHS—On general Types SR, SWC, SWCI and SWCB, alternate right and left hand sections are necessary to assure straight running, the length of these to be equal to the diameter of the smaller of the drive or tail pulley. Specify type of connector.

WIRE DIAMETER—Specify wire diameter, consistent with weight of load and operating conditions.



This illustration shows four meshes per inch, No. 16 W & M Gauge .063" Diameter Wire



Single Woven Fabric Type SW

This conventional type of fabric, illustrated above, is constructed entirely of one weave, either right or left hand pitch. This type weave is very satisfactory for general duty as aprons, when driven by means other than their own traction, such as side chains.

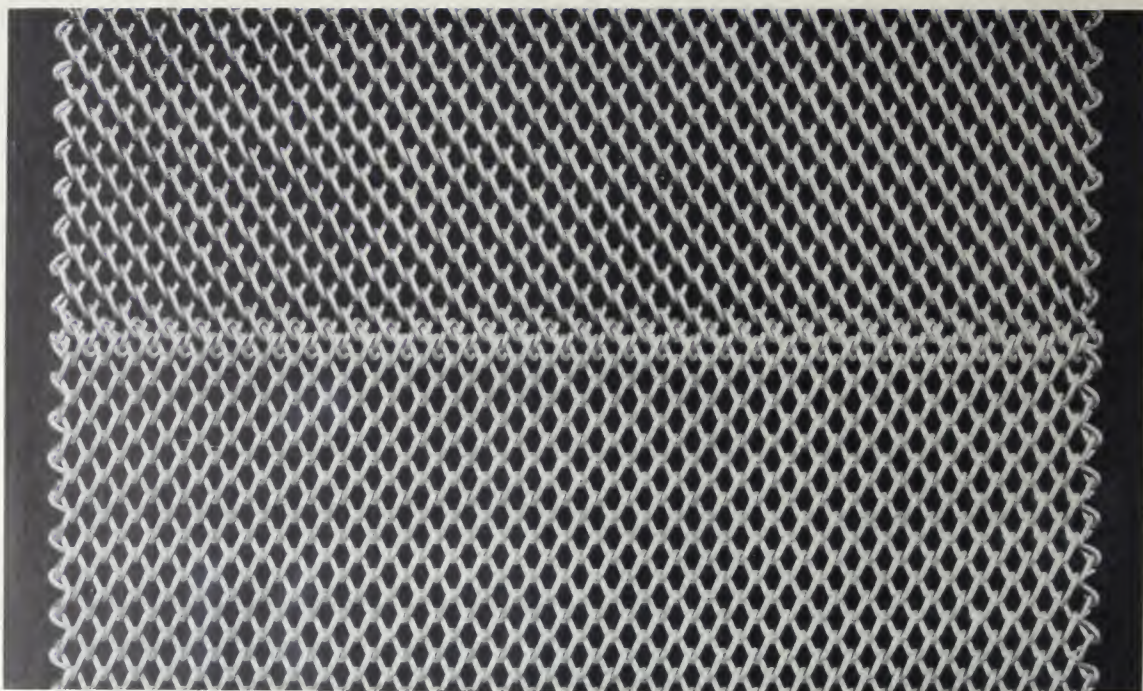
Inches Center to Center of Wire	W & M Gauge	Diameter of Wire, Inches	Approximate Weight per Square Foot
2 1/4	6	.192	1.18
2 1/4	7	.177	.976
2 1/4	8	.162	.873
2 1/4	9	.148	.730
2 1/4	10	.135	.630
2 1/4	11	.120	.541
2 1/4	12	.105	
2	6	.192	1.29
2	7	.177	1.16
2	8	.162	.987
2	9	.148	.760
2	10	.135	.713
2	11	.120	.520
2	12	.105	.460
1 1/2	6	.192	
1 1/2	7	.177	
1 1/2	8	.162	
1 1/2	9	.148	1.10
1 1/2	10	.135	1.07
1 1/2	11	.120	.816
1 1/2	12	.105	.563
1 1/4	6	.192	
1 1/4	7	.177	

Inches Center to Center of Wire	W & M Gauge	Diameter of Wire, Inches	Approximate Weight per Square Foot
1 1/4	8	.162	
1 1/4	9	.148	1.67
1 1/4	10	.135	1.45
1 1/4	11	.120	1.06
1 1/4	12	.105	.794
1	8	.162	
1	9	.148	2.17
1	10	.135	1.83
1	11	.120	1.41
1	12	.105	.967
1	13	.092	.755
1	14	.080	.547
1	15	.072	.436
1	16	.063	.313
3/4	8	.162	
3/4	9	.148	3.10
3/4	10	.135	2.25
3/4	11	.120	1.95
3/4	12	.105	1.37
3/4	13	.092	1.06
3/4	14	.080	.79
3/4	15	.072	.67
3/4	16	.063	.51
3/4	17	.054	.41
3/4	18	.047	.34

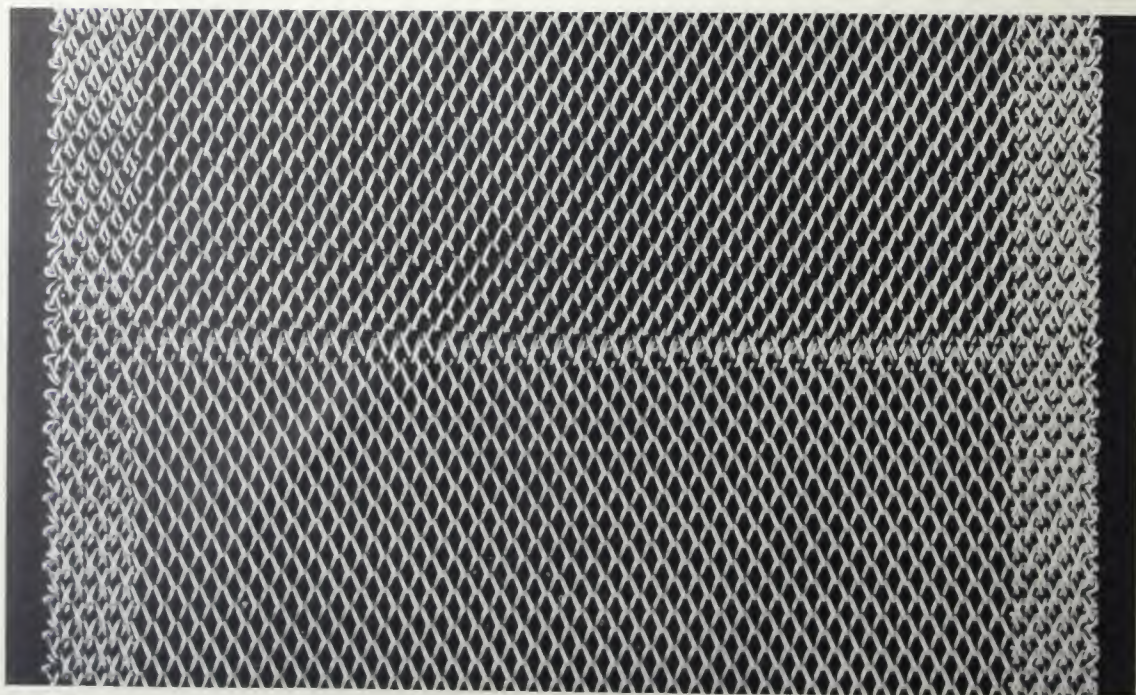
Audubon Flexible Wire Cloth

Inches Center to Center of Wire	W & M Gauge	Diameter of Wire, Inches	Approximate Weight per Square Foot
5/8	10	.135	3.60
5/8	11	.120	2.95
5/8	12	.105	1.90
5/8	13	.092	1.38
5/8	14	.080	1.27
5/8	15	.072	.784
5/8	16	.063	.75
5/8	17	.054	.421
5/8	18	.047	.331
MESH			
2	10	.135	4.30
2	11	.120	3.55
2	12	.105	2.53
2	13	.092	1.95
2	14	.080	1.16
2	15	.072	.92
2	16	.063	.78
2	17	.054	.49
2	18	.047	.37
2	19	.041	.29
2	20	.035	.21
2 1/2	12	.105	2.99
2 1/2	13	.092	2.25
2 1/2	14	.080	1.56
2 1/2	15	.072	1.26
2 1/2	16	.063	.88
2 1/2	17	.054	.64
2 1/2	18	.047	.43
2 1/2	19	.041	.31
2 1/2	20	.035	.24
3	12	.105	4.13
3	13	.092	2.69
3	14	.080	2.00
3	15	.072	1.50
3	16	.063	1.28
3	17	.054	.80
3	18	.047	.64
3	19	.041	.44
3	20	.035	.33
4	14	.080	3.33
4	15	.072	1.94
4	16	.063	1.60
4	17	.054	1.20
4	18	.047	.80
4	19	.041	.60
4	20	.035	.42
4	21	.032	.36
5	16	.063	2.04
5	17	.054	1.66
5	18	.047	1.50
5	19	.041	1.20
5	20	.035	
5	21	.032	
5	22	.028	
5	23	.025	
5	24	.023	

Mesh Center to Center of Wire	W & M Gauge	Diameter of Wire, Inches	Approximate Weight per Square Foot
6	16	.063	2.81
6	17	.054	2.00
6	18	.047	1.50
6	19	.041	.90
6	20	.035	.66
6	21	.032	.53
6	22	.028	.45
6	23	.025	.38
6	24	.023	.32
7	18	.047	
7	19	.041	1.17
7	20	.035	.79
7	21	.032	.65
7	22	.028	.51
7	23	.025	.41
7	24	.023	.33
8	18	.047	
8	19	.041	
8	20	.035	.91
8	21	.032	.75
8	22	.028	.60
8	23	.025	.48
8	24	.023	.40
8	25	.020	.30
8	26	.018	.24
10	20	.035	2.00
10	21	.032	
10	22	.028	1.31
10	23	.025	1.00
10	24	.023	
10	25	.020	
10	26	.018	
10	27	.017	
10	28	.016	
12	22	.028	1.12
12	23	.025	.95
12	24	.023	.70
12	25	.020	.55
12	26	.018	.43
12	27	.017	.34
12	28	.016	.28
14	25	.020	.60
14	26	.018	.43
14	27	.017	.39
14	28	.016	.35
20	27	.017	
28	31	.0132	
28	32	.0128	
28	33	.0118	
32	33	.0118	
32	34	.0104	



Type SWCI—Sectional Single Woven Fabric with Interwoven Connectors—Patent Pending



Type SR—Reinforced Interwoven Selvage—Patented, No. 2,001,677
on Sectional Single Woven, Type SWCI Fabric—Patent Pending

Sectional Single Woven Fabric

Types SWC-SWCI-SWCB

These types are recommended for general duty where the belt is driven by its own traction from head and tail pulleys, covered with canvas or rubber and supported between with either idler rollers or a continuous wood or metal slide bed. These fabrics, illustrated on pages 48 and 50, are the same as the Type SW, except that the pitch of the weave or helicals alternate at regular intervals, in order to balance the tendency to crawl or creep in the direction of the weave of the preceding section of the belt.

CONNECTORS—The connection between the right and left hand weave sections is made by three methods, as follows:

STRAIGHT WIRE—Illustrated in Type SWC on page 50.

PERFORATED BAR—Either plain or reinforced, with helicals woven into perforations, as illustrated in Type SWCB on page 50.

INTERWOVEN—The strongest; providing a homogeneous woven belt of continuous uniform width throughout the entire length, as illustrated in Type SWCI on page 48.

Interwoven Connectors will be furnished unless otherwise specified.

Sectional Single Woven Fabric

with Reinforced Interwoven Selvage—Type SR

A careful study of the causes of failure of many installations of conventional right and left change weave single woven belts revealed the point of connection between the right and left hand sections to be weakest at the selvage; rupture usually started at these points and worked toward the center. Many intricate selvages were tried with little success in definitely prolonging life but Audubon research finally solved the problem by a continuous interwoven reinforcing selvage as illustrated on page 48. This is an additional band of belting interwoven continuously the full length of both edges of the belt, for a specified width on each side. The continuous reinforcing selvage through the change weave connections, provides strength, with a higher factor of safety, at these vulnerable points, for it is the strongest known selvage produced.

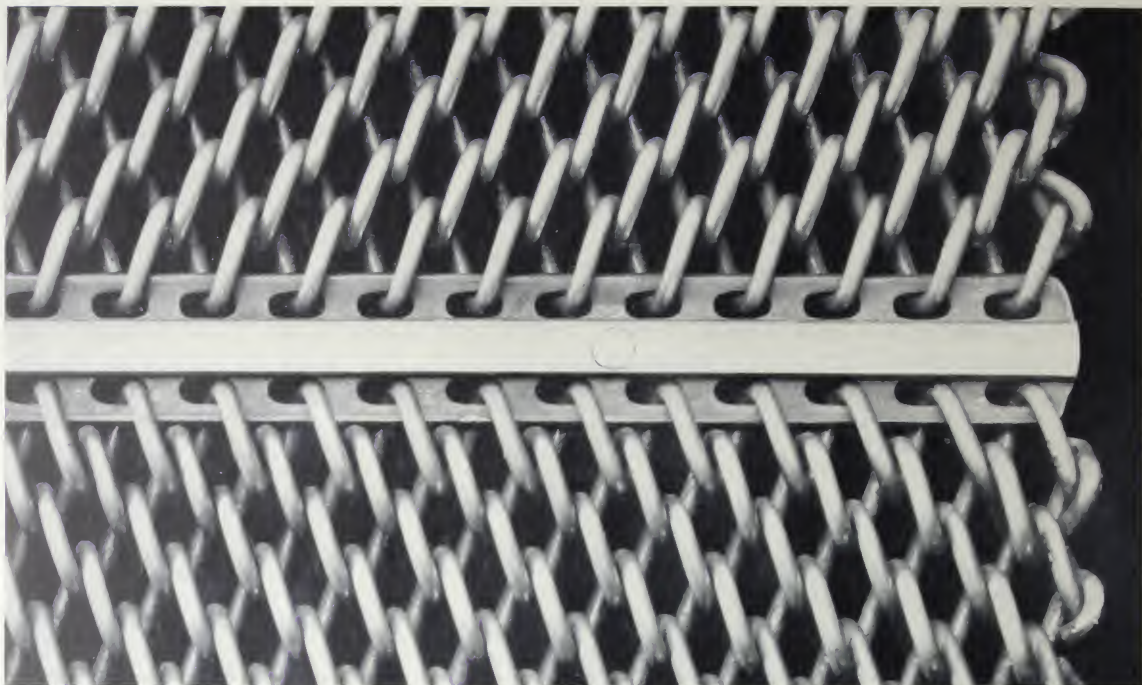
FLEXIBILITY—All selvages are *mechanically knuckled* thus assuring maximum flexibility and positive locking of wire in the entire belt.

LOAD-CARRYING—The interwoven selvage on each side of the belt relieves the fabric of undue strains, for it operates similarly to a chain drive in transmitting a portion of the load. Where chain drives on flexible belts have proven unsatisfactory due to the variation of the co-efficient of stretch between the two different classes of material, Audubon Type SR "Metalwove" Belting admirably solves the problem.

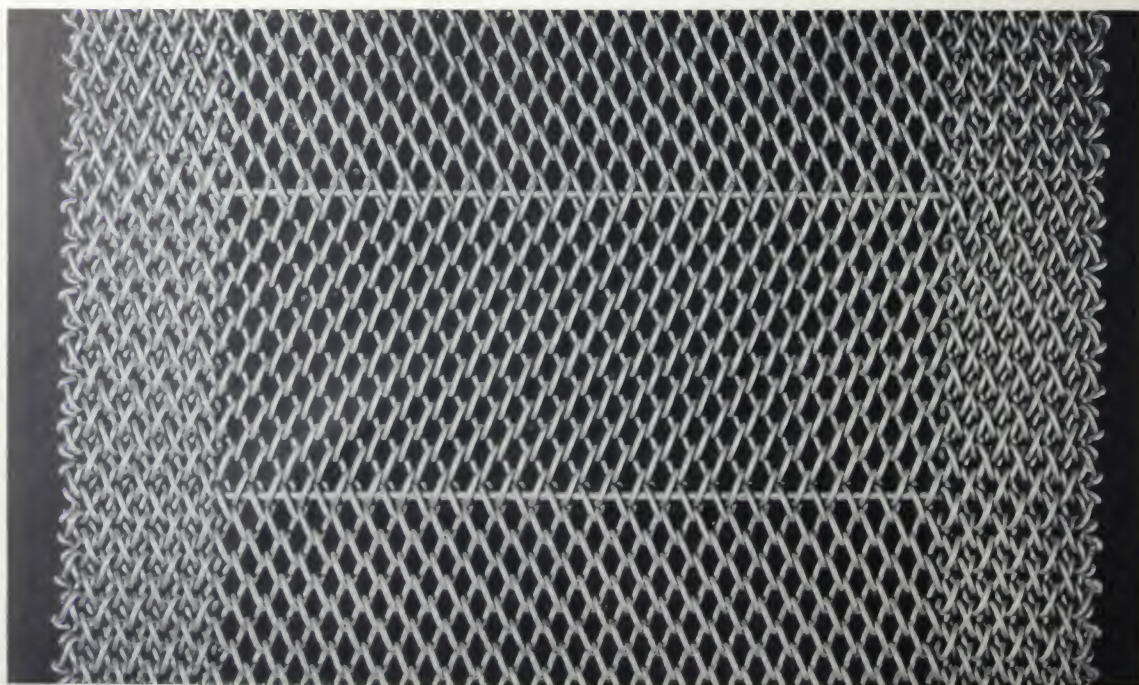
LONG-LIFE—The exceptional strength of the side selvage enables the belt to withstand much harder wear from side guides or obstructions in the path of its travel, than would be possible with regular plain selvage.

SAFETY—The smooth close mesh mechanically knuckled edge of Audubon Reinforced Interwoven Selvage provides a high degree of safety to operators working along the sides of the moving belt.

AUDUBON WIRE CLOTH CORPORATION - PHILADELPHIA

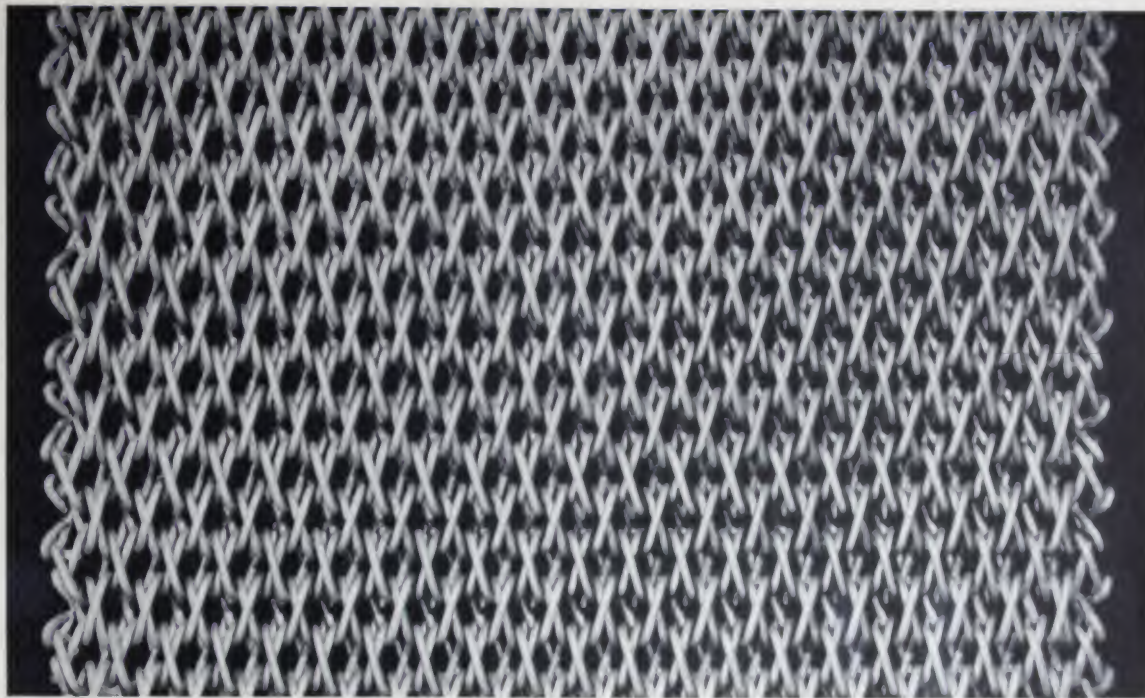


Type SWCB—Sectional Single Woven Fabric with Perforated Flat Bar Connectors
Licensed under Patent No. 1,675,276—Re 17,774



Type SWC—Sectional Single Woven Fabric with Straight Wire Connectors and Type SR
Reinforced Interwoven Selvage—Patented, No. 2,001,677

MESH, SPACE & FLEXIBLE WIRE CLOTH



Type TT—Symmetrical Interwoven Fabric—Patent Pending

Symmetrical Interwoven Fabric

Type TT

This outstanding improvement in flexible metallic fabrics originally developed by Audubon, offers many unique and distinct advantages over other types of conventional weaves, among which are the following:

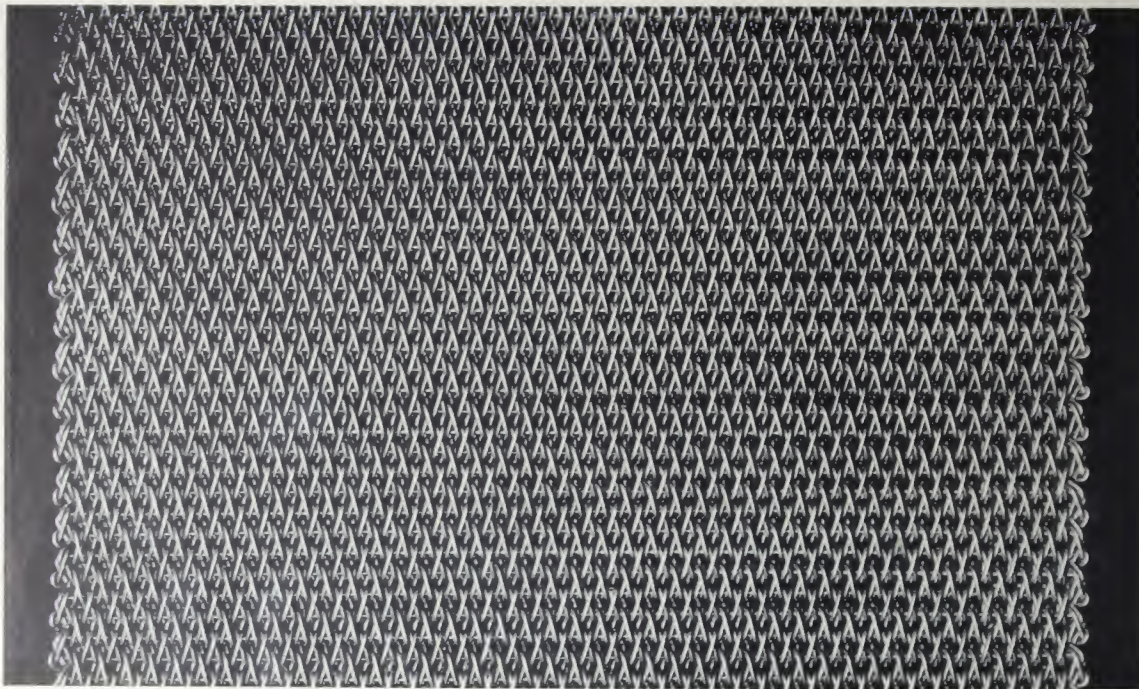
NON-CREEP—The side directional pull of each individual spiral is immediately counteracted by a like directional pull of equal force in the opposite direction, thus true forward traction is positively assured.

UNBALANCED BELT LOAD—Due to the immediate counteracting of all side directional forces in the weave of Audubon Symmetrical Interwoven Belting, unequal distribution of the live load does not affect its true running under any condition. This feature alone widely increases the scope of its possible applications.

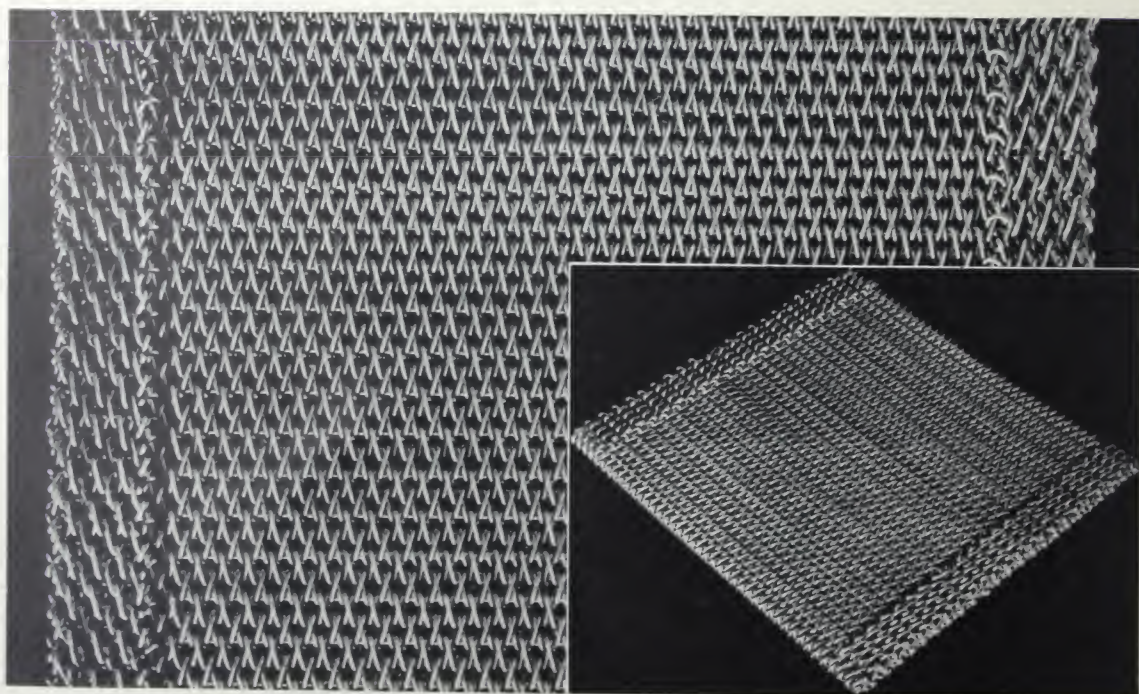
FLEXIBILITY—Mechanically knuckled selvages maintain the high flexibility produced by the weave. Audubon Symmetrical Interwoven Belting can be driven over the smallest diameter pulleys that will develop sufficient traction to transmit the load.

NON-SPILLING—Type T.T. Belting can be supplied with Audubon Symmetrical Interwoven Retaining Selvage, to prevent spillage from the surface of the belt. Flexibility is in no way impaired by this construction, which is illustrated on page 52.

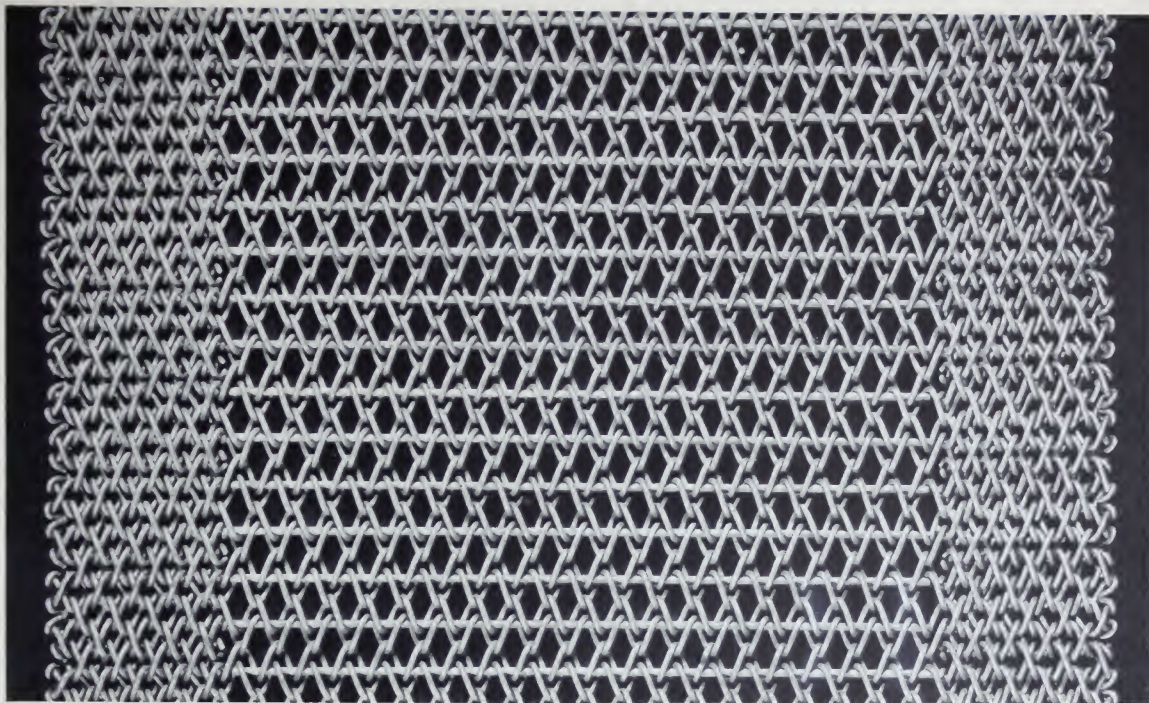
LONG-LIFE—Due to the precision, workmanship, careful design, and ruggedness obtained by symmetrical construction, this type of belt assures extreme long life.



Type SWTT—Extra Heavy Duty Symmetrical Interwoven Fabric—Patent Pending



Type SWTT—Extra Heavy Duty Symmetrical Interwoven Fabric with Interwoven-Retaining
Selvage—Patent Pending



Type NST—Non-Stretch Fabric with Type SR Reinforced Interwoven Selvage—Patented, No. 2,001,677

Symmetrical Interwoven Fabric

Extra Heavy Duty—Type SWTT

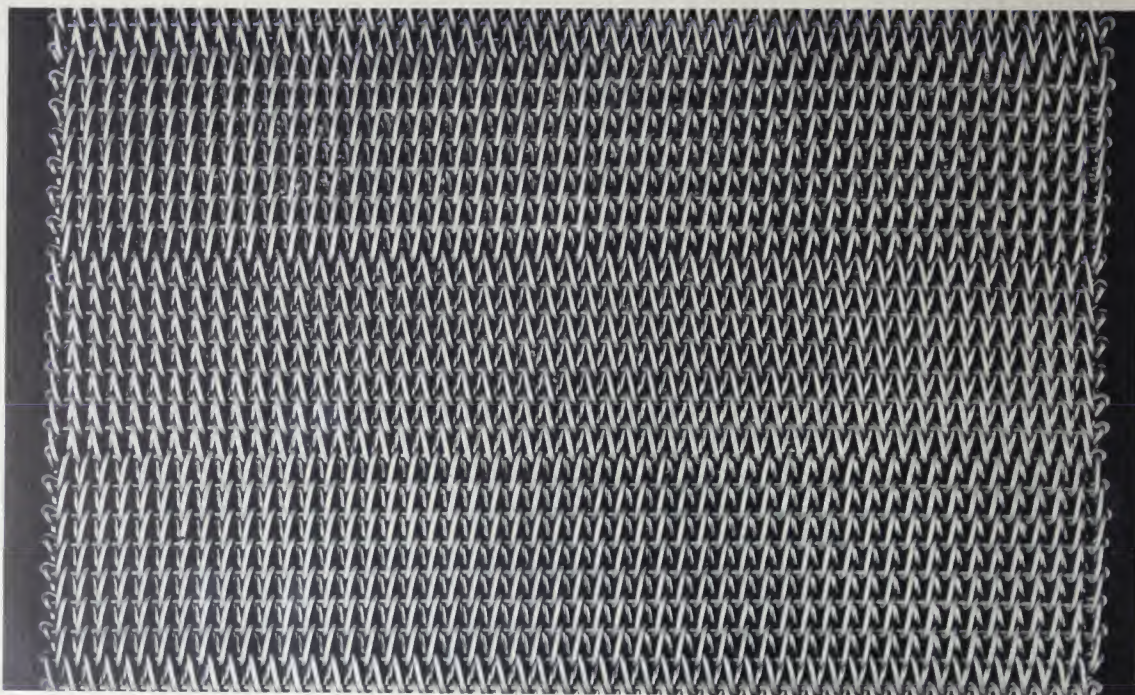
In order to produce a belt which would give complete satisfaction, long life and minimum maintenance under the most severe operating conditions, Audubon further developed the Symmetrical Interwoven Type TT Fabric, by adding straight connecting wires between the interwoven helicals. This construction, as illustrated on page 52, will withstand tremendous loads and more abuse than any other type of belt, without elongation or contraction in width. It is especially recommended for heat treating and nitriding processes where extremely high temperatures are encountered.

Non-Stretch Fabric

Type NST—with Interwoven Selvage

In certain conveying applications of medium or light material, it is absolutely essential that the width of the belt be definitely maintained and that the lengthwise stretch be eliminated as much as possible. This necessitated the development of Audubon Type NST Belting as illustrated above, which not only reduces lengthwise stretch and crosswise contraction to an absolute minimum, but further insures the highest degree of true forward belt movement and definitely eliminates even a remote possibility of sidewise creep under any condition.

The flat conveying surface of the belt, together with its inherent strength and low thermal capacity combine to make Audubon Type NST the ideal belting for glass lehr and similar applications, for with Audubon Interwoven Selvage, of the SR Type, this is the strongest belt available for general services.



Type SWES—Smooth Surface, Non-Stretch Fabric

Smooth Surface, Non-Stretch Fabric

Type SWES

Certain processes require an apron with an exceptionally smooth conveying surface for the support of soft, fibrous, plastic or other fragile or readily marked materials and to meet these exacting conditions in a belt that would also definitely maintain its initial width, Audubon developed the fabric illustrated above.

SMOOTH SURFACE—This Metalwove Belt is entirely formed of special shaped helicals joined with a straight connecting wire, which results in the exceptionally flat, smooth surface. Close openings not possible with other standard weaves are available in this Type SWES construction.

NON-STRETCH—The connecting wire type of construction increases the transverse rigidity and still maintains the longitudinal flexibility and non-elongation features.

APPLICATIONS—The Smooth Surface and Non-Stretch qualities of Type SWES Fabric make it particularly well suited for Glass Annealing and Decorating Lehrs, for even small bottles are safely conveyed with minimum breakage from spillage.

DURABLE—This construction maintains its initial width and shape throughout the life of the belt, even at temperatures of 1800°F. as encountered in Heat Treating Furnaces and similar applications.

Alphabetical Index

Abrasion Resisting Steel, Vibraloy	36	Plain Dutch Weave, Filter Wire Cloth	31
Arc-Loc Crimp, Space Wire Cloth	35	Process Belting, Metalwove	43
Belting, Metalwove Conveyor	43	Rectangular Opening, Rolled, Space Wire Cloth	36
Brass Milk Strainer Cloth	30	Reinforced Interwoven Selvage, Flexible Wire Cloth	49
Conveyor Belting, Metalwove	43	Rolled Rectangular Opening, Space Wire Cloth	36
Corduroy Weave Filter Wire Cloth	31	Scope of Audubon Products	4
Decimal and Millimeter Equivalents	10	Sectional Single Woven, Flexible Wire Cloth	49
Definitions, Mesh	5	Single Woven, Flexible Wire Cloth	46
Definitions, Space	5	Slot Screen, Welded	37
Definitions, Wire Cloth	5	Slot Screen, Woven	37
Definitions, Wire Size	5	Smooth Surface, Non-Stretch Flexible Wire Cloth	54
Description, Mesh Wire Cloth	12	Space Wire Cloth, Plain Steel	35
Engineering Service	4	Space Wire Cloth, Table	38
Engineering Service, Flexible Wire Cloth	45	Space Wire Cloth, Vibraloy	35
Extra Fine Mesh Wire Cloth, Table	29	Standard or Market Grade, Mesh Wire Cloth	13
Extra Heavy Duty, Symmetrical Interwoven Flexible Wire Cloth	53	Stock Shipments and Samples	7
Fabricated Filter Units	31	Sweetland Weave Filter Wire Cloth	31
Filter Wire Cloth	31	Symmetrical Interwoven Flexible Wire Cloth	51
Flexible Wire Cloth	43	Symmetrical Interwoven Flexible Wire Cloth, Extra Heavy Duty	53
Flexible Wire Cloth, Extra Heavy Duty Symmetrical Interwoven	53	Table, Extra Fine Mesh Wire Cloth	29
Flexible Wire Cloth, Non-Stretch	53	Table, Space Wire Cloth	38
Flexible Wire Cloth, Reinforced Interwoven Selvage	49	Tables, Mesh Wire Cloth	14
Flexible Wire Cloth, Sectional Single Woven	49	Tinned Mill Screen Cloth	30
Flexible Wire Cloth, Single Woven	46	Trade Tolerances and Customs	7
Flexible Wire Cloth, Smooth Surface Non-Stretch	54	Twilled Dutch Weave Filter Wire Cloth	31
Flexible Wire Cloth, Symmetrical Interwoven	51	Twilled Weave Filter Wire Cloth	31
Instructions for Ordering, Flexible Wire Cloth	45	Type NST, Flexible Wire Cloth	53
Instructions for Ordering Mesh and Space Wire Cloth	6	Type SR, Reinforced Interwoven Selvage	49
Layouts, Metalwove Conveyors	44	Type SW, Flexible Wire Cloth	46
Market or Standard Grade, Mesh Wire Cloth	13	Type SWC, Flexible Wire Cloth	49
Mesh Wire Cloth, Description	12	Type SWCB, Flexible Wire Cloth	49
Mesh Wire Cloth Tables	14	Type SWCI, Flexible Wire Cloth	49
Metals, Extra Fine Mesh Cloth	29	Type SWES, Flexible Wire Cloth	54
Metals, Flexible Wire Cloth	43	Type SWTT, Flexible Wire Cloth	53
Metals, Mesh and Space Wire Cloth	6	Type TT, Flexible Wire Cloth	51
Metalwove Conveyor Belting	43	Vibraloy Abrasion Resisting Steel	36
Milk Strainer Cloth, Brass	30	Weight of Wire	11
Millimeter and Decimal Equivalents	10	Welded Slot Screen	37
Non-Stretch Flexible Wire Cloth	53	Wire Cloth, Flexible	43
Non-Stretch Smooth Surface Flexible Wire Cloth	54	Wire Diameters, Washburn and Moen Gauge	8
		Wire Gauges, Comparative Table	9
		Woven Slot Screen	37



